LCD-TV

Chassis GBP19MUS

Model LNT1953H
LNT1954H

SERVICE Manual

LCD TV

Fashion Feature

- RF, DVI-D, PC(Analog), Component, Video, S-Video
- Brightness : 300cd/㎡
- Contrast Ratio : 19" : 800:1
- Response time : 5ms
- PIP (on PC only)

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LNT1953H/LNT1954H Service Manual

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3 Alignments and Adjustments

3-1 General Alignment Instuction

1. Usually, a color LCD-TV needs only slight touch-up adjustment upon installation.
   Check the basic characteristics such as height, horizontal and vertical sync.
2. Use the specified test equipment or its equivalent.
3. Correct impedance matching is essential.
4. Avoid overload. Excessive signal from a sweep generator might overload the front-end
   of the TV. When inserting signal markers, do not allow the marker generator to distort test result.
5. Connect the TV only to an AC power source with voltage and frequency as specified on
   the backcover nameplate.
6. Do not attempt to connect or disconnect any wire while the TV is turned on. Make sure
   that the power cord is disconnected before replacing any parts.
7. To protect aganist shock hazard, use an isolation transformer.

3-2 Factory Mode Adjustments

3-2-1 Entering Factory Mode

To enter 'Service Mode' Press the remote -control keys in this sequence :

- If you do not have Factory remote - control

Power OFF → MUTE → 1 → 8 → 2 → Power On

3-2-2 How to Access Service Mode

Using the Customer Remote

1.Turn the power off and set to stand-by mode

2.Press the remote buttons in this order; POWER OFF-MUTE-1-8-2-POWER ON to turn the set on.

3.The set turns on and enters service mode.

4.Press the Power button to exit and store data in memory.

- If you fail to enter service mode, repeat steps 1 and 2 above.

5.Initial SERVICE MODE DISPLAY State

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

"T-BRDP19AUS0-0803
T-BRDP19AUS5-0803"
"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

T-BRDP19AUS0-0803 and T-BRDP19AUS5-0803 are firmware version.
The firmware version is subject to change without notice.

6. Buttons operations withn Service Mode

Menu	Full Menu Display/Move to Parent Menu
Direction Keys ▲/▼	Item Selection by Moving the Cursor
Direction Keys ◀/▶	Data Increase / Decrease for the Selected Item

3-2-3 Factory Data

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
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8. X242
9. X242 NTSC
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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 1.Calibration, MODE : CATV, RES : CVBS

AV Calibration
Compnent Calibration
PC Calibration
HDMI Calibration

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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T-BRDP19AUS5-0803"
"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 1.Calibration, MODE : CATV, RES : CVBS

Caption Level	ON
Watchdog Enable	ON
Spread Spectrum	1
Panel Option	26CMT
Dimming	INT
RS-232C	Debug
Gamma	Off
Panel Display Time	1Hr
Mute Time[RF]	600ms
CH Memory	SAMEX
Shop mode	OFF
SUB EEPROM WP	ON
MAIN EEPROM WP	ON
DDC WP	OFF
PC Mode Ident	Auto

HDMI Mode Ident	Auto
HPD Ctl Method	1
HPD low Duration	900
Download RRT	OFF
7.5 IRE On/Off	OFF
7.5 IRE Offset	...
HDMI Mute Time	1500

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 3.White Balance, MODE : CATV, RES : CVBS

Sub Brightness(FBE)	128
R-Offset	512
G-Offset	512
B-Offset	512
Sub Contrast(FBE)	128
R-Gain	512
G-Gain	512
B-Gain	512

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

"T-BRDP19AUS0-0803
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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 4.W/B Movie, MODE : CATV, RES : CVBS

W/B Movie On/Off	OFF	NOR_Roffset	...
Mode	...	NOR+Boffset	...
Color Tone	...	C2_Rgain	...
Msub Contrast	...	C2_Bgain	...
Msub Brightness	...	C2_Roffset	...
W1_RGain	...	C2_Boffset	...
W1_Bgain	...	Movie Contrast	...
W1_Roffset	...	Movie Brightness	...
W1_Boffset	...	Movie Color	...
W2_Rgain	...	Movie Sharpness	...
W2_Bgain	...		
W2_Roffset	...		
W2_Boffset	...		
NOR_Rgain	...		
NOR_Bgain	...		

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 5.Calibration Target, MODE : CATV, RES : CVBS

1st_AV_Low	18	2nd_PC_Low	1
1st_AV_High	220	2nd_PC_High	235
1st_AV_Delta	1	2nd_PC_Delta	1
1st_COMP_Low	16	2nd_HDMI_Low	1
1st_COMP_High	235	2nd_HDMI_High	235
1st_COMP_Delta	1	2nd_HDMI_Delta	1
1st_PC_Low	4		
1st_PC_High	235		
1st_PC_Delta	1		
2nd_AV_Low	1		
2nd_AV_High	235		
2nd_AV_Delta	1		
2nd_COMP_Low	1		
2nd_COMP_High	235		
2nd_COMP_Delta	1		

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 6.Calibration Value, MODE : CATV, RES : CVBS

LUMA_OFFSET	**512**
LUMA_GAIN	612
RED CUTOFF	...
GREEN CUTOFF	...
BLUE CUTOFF	...
RED GAIN	...
GREEN GAIN	...
BLUE GAIN	...
2nd_X242_R_L	134
2nd_X242_G_L	134
2nd_X242_B_L	134
2nd_X242_R_H	1150
2nd_X242_G_H	1150
2nd_X242_B_H	1150

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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MAIN : 8.X242, MODE : CATV, RES : CVBS

Chfilter	**ss_CH03**
Cvfilter	Hardware
NR	ON
UVNR	OFF
LTI-YEE	ON
CTI-UYEE	ON
YH_MAX	128
YH_Edge	4096
YH_MIN	128
UVH_MAX	255
UVX_Edge	300
UVH_MIN	8
Color_Mid_Value	50

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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T-BRDP19AUS5-0803"
"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 9.X242 NTSC, MODE : CATV, RES : CVBS

In Phase Line	**24**	Y_DELAY_POS	0
In Phase Frame	26	Y_DELAY_NEG	12
Out Phase Line	12	CR_DELAY_POS	0
Out Phase Frame	22	CR_DELAY_NEG	13
CORING	4	CB_DELAY_POS	0
LUMA_BW	0	CB_DELAY_NEG	13
CHROMA_BW	4	NOISE_ME	0
CKILL_TH1	48	AGC_ON/OFF	OFF
CKILL_TH2	80	AGC_GAIN	500
LUMA_GAIN	612		
LUMA_OFFSET	512		
CR_GAIN	512		
CR_OFFSET	0		
CB_GAIN	512		
CB_OFFSET	0		

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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T-BRDP19AUS5-0803"
"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 10.SE6181, MODE : CATV, RES : CVBS

SSC	**Enable**	Sub Color	145
SSC Mode	Nomal	Sub Tint	50
SSC Divider	8	Scale Filter Hor	150
SSC Step	159	Scale Filter Ver	7
SSC Span	364	PC Sharp	9
WB Gain En	Enable	PC Sharp Enable	Video
WB Gain Red	93	Sharp PrePeak(Before)	146
WB Gain Green	80	Sharp PreCTI	90
WB Gain Blue	85	Sharp PrePeak(After)	134
WB Offset En	Enable	Sharp PostLTI	202
WB Offset Red	78	Peaking Gain Band2	30
WB Offset Green	80	BLE	Enable
WB Offset Blue	75	BLE Upper Bound	63
Sub Brightness	20	BLE Lower Bound	18
Sub Contrast	160	WLE	Disable

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

"T-BRDP19AUS0-0803
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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 11.Sound, MODE : CATV, RES : CVBS

Carrier Mute	**1**
Stereo Pilot High	13
Stereo Pilot Low	7
Audio Delay	45
Spdif Delay	OFF
Melody Speak Vol.	5
Melody HP Vol.	5
NTP_Amp Vol.	30
NTP_PWM Mod.	243
NTP_DRC Thresh.	12
NTP_Speaker EQ	OFF

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 11.Sound, MODE : CATV, RES : CVBS

Dynamic CE	OFF
Dynamic Dimming	OFF
FBE2 Y_MEAN READ	0

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

"T-BRDP19AUS0-0803
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"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 13.Checksum, MODE : CATV, RES : CVBS

13.Checksum

MODE : CATV, RES : CVBS

1. Calibration
2. Option Byte
3. White Balance
4. W/B Movie
5. Calibration Target
6. Calibration Value
7. MST3388
8. X242
9. X242 NTSC
10. SE6181
11. Sound
12. Dynamic Contrast
13. Checksum 0x0000
14. Reset

"T-BRDP19AUS0-0803
T-BRDP19AUS5-0803"
"ACL 28.16.4.1
RFS : T-JSMNAUS-061209"
"2007-01-05T-LEEUM-0378"

MAIN : 14.Reset, MODE : CATV, RES : CVBS

14.Reset

3-3 Servicing Information

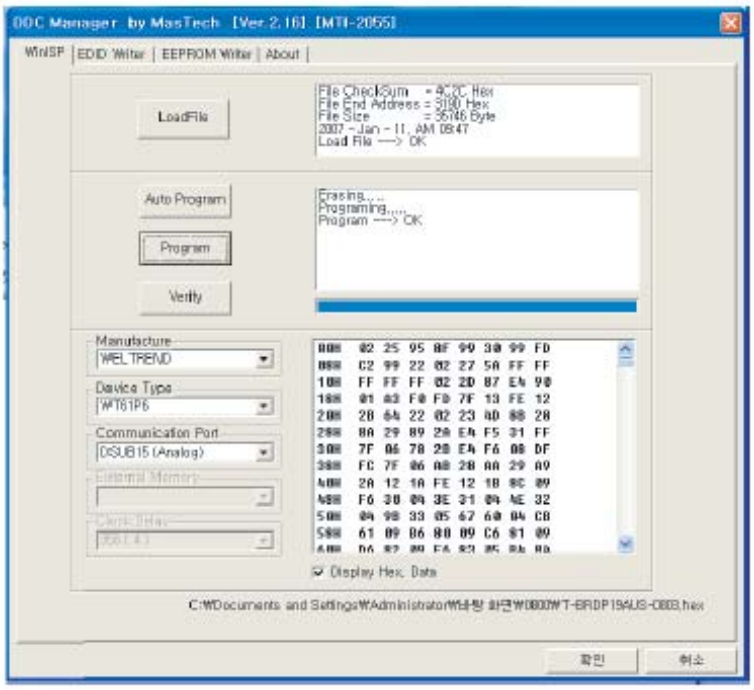
3-5-1 USB Download Method

1.Downloading Micom

1) Copy the T-BRDP19AUS directory into the USB flash driver
2) Turn on LCD TV
3) Insert the USB flash driver into the service jack of LCD TV
4) MENU ->SETUP-> SW Upgrade -> SW Upgrade
5) Wait 30 seconds
6) Click OK button
7) Wait until rebooting
8) Check the program version

2. Downloading Sub Micom

1) Use a DDC MANAGER(MIT-2055)
2) Select WinISP on top menu
3) Click the LoadFile button
4) Open the "T-BRDP19AUS-xxxx.hex" file
5) Click the Program button
6) wait until rebooting
7) Check the program version



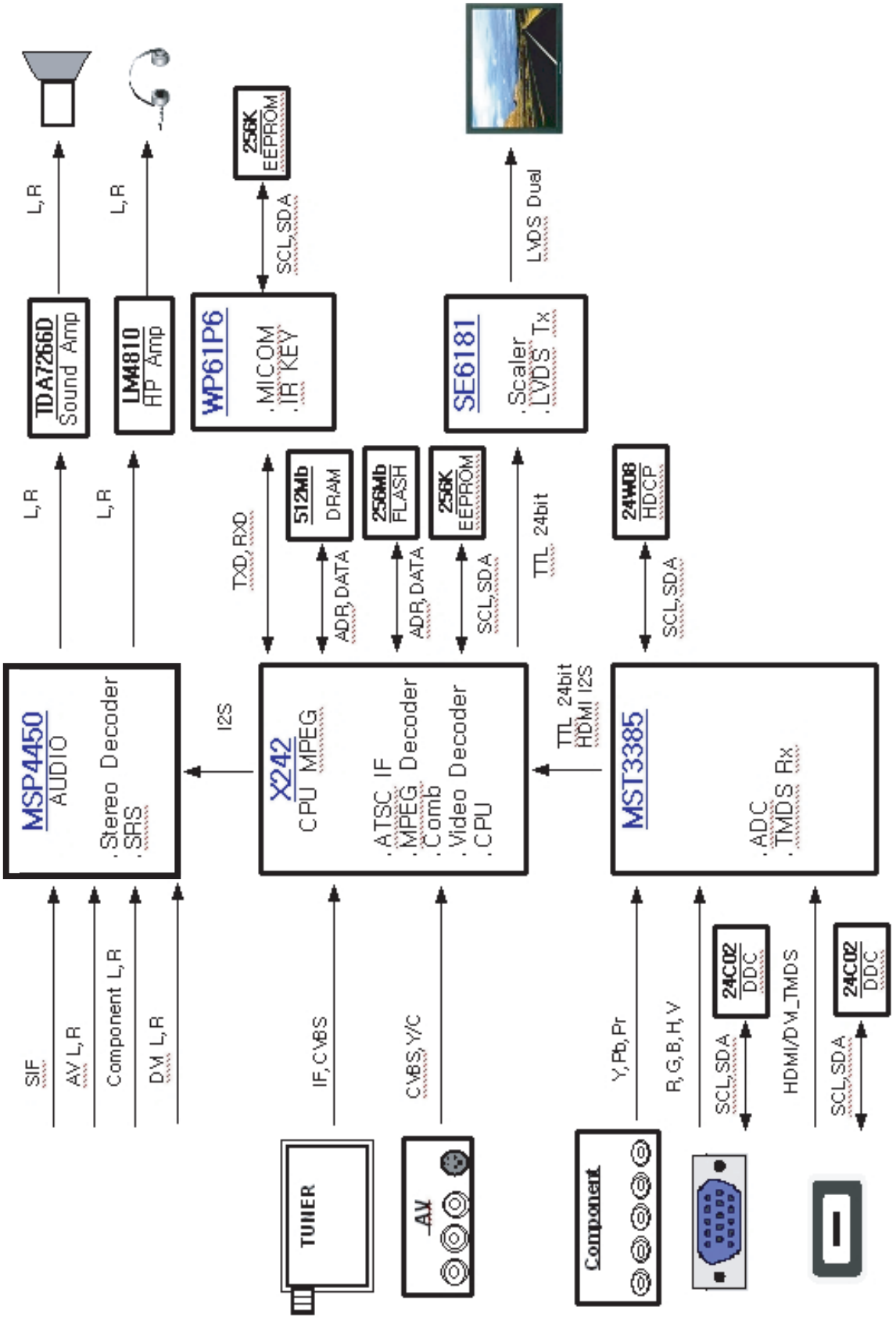
3-4 LVDS cable code for each panel

Model	Panel Supplier	Picture of panel label	Panel Code	Substitute Code	LVDS Code	IP-BOARD Code	Remark
LNT1953H X/XAA	AUO M190PW01		BN07-00350A		BP39-00028C	BN44-00152B	

Memo

7 Block Diagram

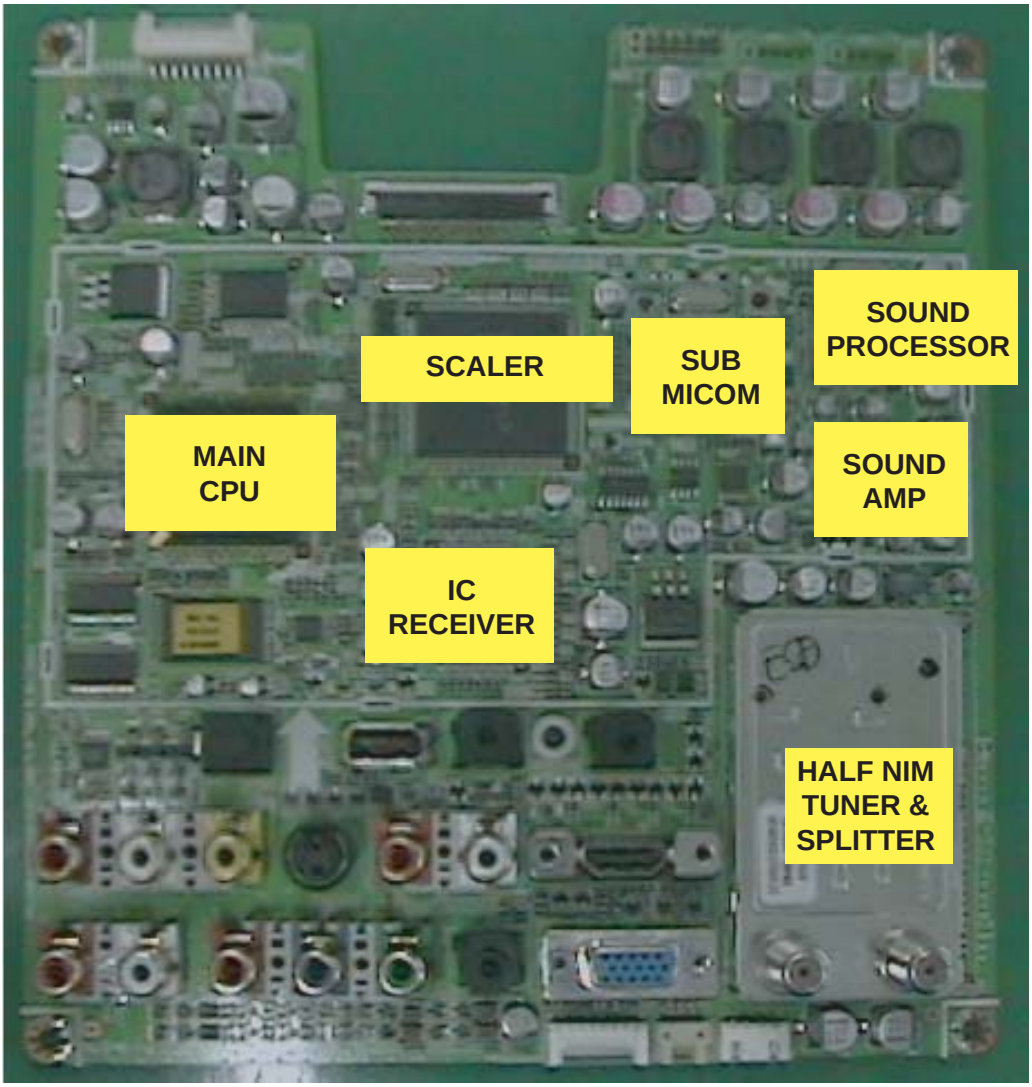
- This Document can not be used without Samsung's authorization



Memo

13 Circuit Descriptions

13-1 Block description



NO.	BLOCK	DESCRIPTION	REMARK
1	X242(IC202)	DTV DECODER	215H4AALA11HG
2	SCALER(IC400)	SXGA/WXGA LCD CONTROL	SE6181LA-LF
3	SUB_MICOM(IC2011)	CONTROL POWER,PANEL, etc.	WT61P6S
4	SOUND AMP(IC505)	SOUND AMP IC	TDA7266D
5	SOUND PROCESSOR(IC503)	SOUND MAIN PROCESSOR IC	MSP4450K E8
6	TUNER(TU400)	HALF-NIM-TUNER & SPLITTER	DTVS227CH281A
7	DDR MEMORY(IC203)	X242 DDR MEMORY	HYB18T512161BF-25
8	IC-RECEIVER(IC700)	2ADC+1HDMI	MST3385M-LF-110

Memo

11 Disassembly and Reassembly

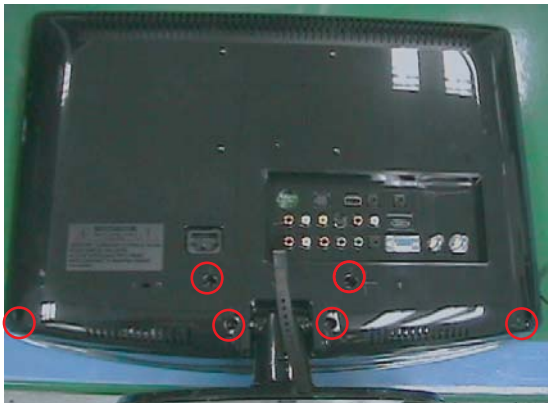
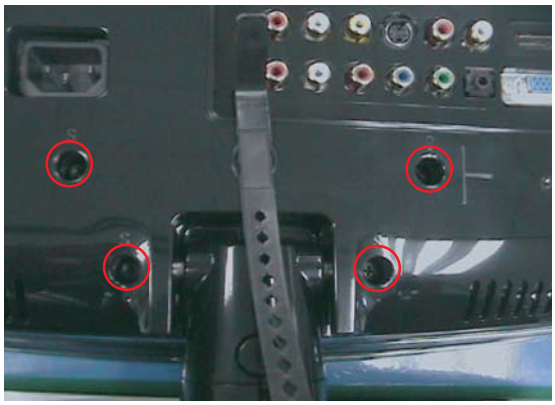
This section of the service manual describes the disassembly and reassembly procedures for the TFT-LCD TV.

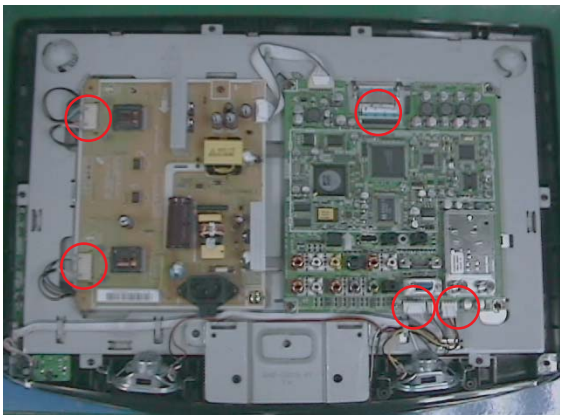
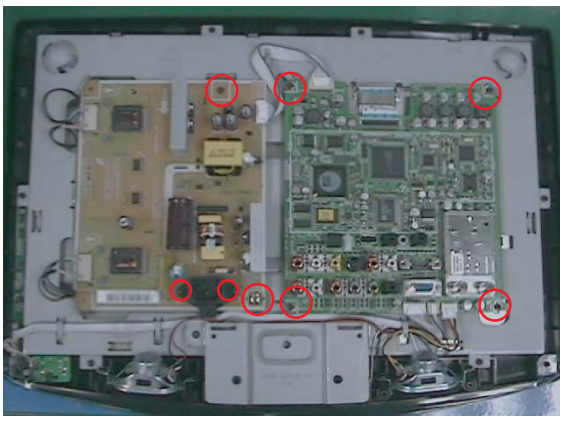
⚠ **WARNING : This monitor contains electrostatically sensitive devices. Use caution when handling these components.**

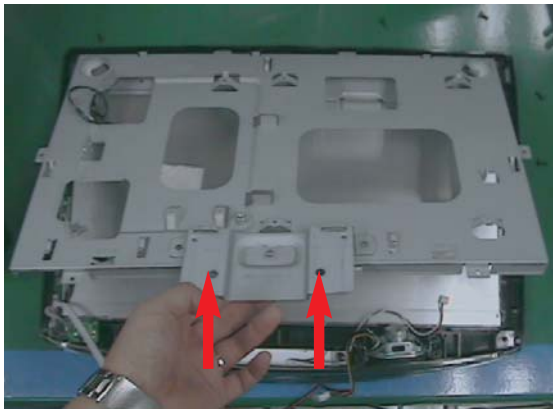
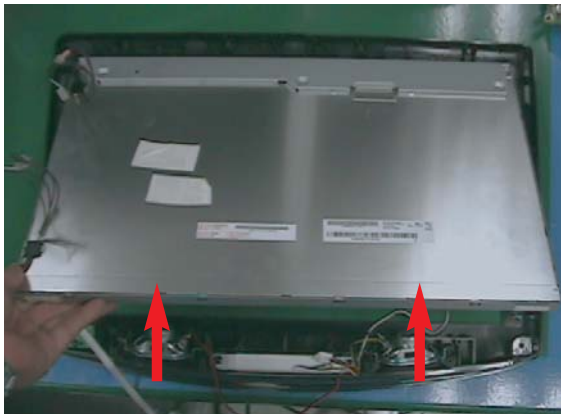
11-1 Disassembly

⚠ **Cautions : 1. Disconnect the monitor from the power source before disassembly.**

2. Follow these directions carefully; never use metal instruments to pry apart the cabinet.

Description	Picture Description
1. Place the face of the LCD TV downward on cushioned table. Remove screws from the rear- cover and the stand.	
	

Description	Picture Description
2. Remove stand. 3. Remove back cover by lifting up from bottom, release snap locks on top.	
4. Disconnect cables.	
5. Remove screws from board assemblies and remove.	
6. Remove screws from shield cover.	

Description	Picture Description
7. Lift up the shield-cover.	
8. Lift up the LCD panel.	

11-2 Reassembly

Reassembly procedures are in the reverse order of disassembly procedures.

6 Electrical Parts List

-You can search for updated part codes through ITSELF web site.
URL : http://itself.sec.samsung.co.kr/

6-1 LNT1953HX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
		LNT1953HX/XAA	LN-T1953H,N10A/19R80-GBP,19,LCD-TV,UNITE		
0.1	M0001	BN90-01198A	ASSY COVER FRONT;LNT1953HX/XAA,-,-,-,-	1	S.N.A
..2	T0175	BN96-04760A	ASSY SPEAKER P;16¥Ø,Bordeuax plus 19,Rig	1	S.A
..2	T0003	BN96-04792A	ASSY COVER P-FRONT;19R81,UO,PC,V0,BK27,S	1	S.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3	M0960	BN61-03079A	HOLDER-BOSS;19R81,PC,V0,-,-,-,BK27,-	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.6	S.N.A
...3	M0112	BN63-03213A	COVER-FRONT;19R81,UO,PC,-,-,-,V0,-,BK27,	1	S.N.A
...3	T0603	BN64-00588A	WINDOW-RMC;32,BORDEAUX PLUS,PC,-,-,-,HB,	1	S.N.A
...3	T0056	BN63-03431A	COVER-DECORATION;19R8,PC,T2.0,HB,CLEAR	1	S.N.A
...3	M0175	BN96-04809E	ASSY BOARD P-TOUCH FU/IR;BORDEAUX PLUS 1	1	S.A
...3		BN96-04848A	ASSY MISC P-BLU;Bordeaux Plus,BACK LIGHT	1	S.N.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A
0.1	M0002	BN90-01199A	ASSY COVER REAR;LNT1953HX/XAA,-,-,-,-	1	S.N.A
..2	M0013	BN96-04793A	ASSY COVER P-REAR;19R81,UO,PC+ABS,V0,BK2	1	S.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.6	S.N.A
...3	M0006	BN63-03214A	COVER-REAR;19R81,UO,PC+ABS,-,-,-,V0,-,BK	1	S.N.A
...3	T0071	BN64-00599A	INLAY-TERMINAL;19R81,UO,PS SHEET,T0.5,-,	1	S.N.A
...3	T0064	BN65-00002A	CLAMPER CORE;BORDEAUX,PP,V0,BLK	1	S.N.A
...3	T0152	BN96-04317A	ASSY BRACKET P-VESA;19R71,SECC,T1.0	2	S.N.A
....4	T0069	BN60-00027C	SPACER-FELT;19R7,FELT,90,T0.35,10	1	S.N.A
....4	M0113	BN61-02621A	BRACKET-VESA;19R7,SECC,T1.0	1	S.N.A
..2	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	6	S.A
0.1	M0216	BN90-01200A	ASSY STAND;19R81	1	S.N.A
..2	M0027	BN96-04794A	ASSY STAND P-BASE;19R81,ABS+PMMA,HB,BK23	1	S.A
...3	M0081	6003-001001	SCREW-TAPTITE;FH,+,B,M3,L8,ZPC(BLK),SWRC	4	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3		BN61-03053A	BRACKET-STAND BOTTOM;19R8,SECC,T1.0	1	S.N.A
...3	CCM1	BN63-02183A	COVER-SHEET;ROME,PE Vinyl,T0.05,100mm,20	0.1	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.6	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.2	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.2	S.N.A
...3	T0004	BN63-03218A	COVER-STAND BASE;19R81,ABS+PMMA,-,-,-,HB	1	S.N.A
...3		BN63-03219A	COVER-STAND FRONT;19R81,ABS+PMMA,-,-,-,H	1	S.N.A
...3		BN63-03220A	COVER-STAND REAR;19R81,ABS+PMMA,-,-,-,HB	1	S.N.A
...3		BN64-00600A	KNOB-LOCKING;19R81,ABS+PMMA,-,-,-,HB,BK2	1	S.N.A
...3	T0132	BN73-00077A	RUBBER FOOT;MATISSE,BUMPON,¨ª13.5,T2.0,6	4	S.N.A
...3	T0054	BN96-04798A	ASSY HINGE P;19R81,SECC,T2.0	1	S.N.A
0.1		BN91-01017W	ASSY LCD-STN(STZ);LN19R71BX/XSJ	1	S.N.A
..2	M0215	BN07-00351A	LCD-PANEL;LTM190M2-L31,Haydn,6bit Hi-FRC	1	S.A
0.1	M0017	BN91-01412C	ASSY CHASSIS-STN;LNT1953HX/XAA,AMLCD PAN	1	S.A
..2	M0014	BN94-01208C	ASSY PCB MAIN-STZ;LNT1953HX/XAA	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	CN101	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-003846	HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	CN109	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A
...3	T0073	AA63-01109C	GASKET-EMI;42D5,T0.5,10,25,Fabric	1	S.N.A
...3	CIS3	BN40-00097A	TUNER;DTVS227CH281A,DTVS227CH281A,ATSC/N	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
...3	CIS7	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	S.N.A
...3	CIS3	BN73-00026A	SILICON/RUBBER-GAP PAD;AL29NO,SILICON,12	1	S.N.A
...3	CCMM1	BN73-00125A	SILICON/RUBBER;SPL07,SILICON+ALUMINA,W20	1	S.N.A
...3	T0175	BN96-05750A	ASSY SHIELD P-PCB MAIN;BORDEAUX PLUS 19,	1	S.N.A
....4	T0178	BN63-03319A	SHIELD-PCB;19R8,SPTE,T0.3	1	S.N.A
....4	M2893	BN39-00949A	LEAD CONNECTOR;BORDEAUX PLUS,UL1015#18,U	1	S.A
...3	T0174	BN97-01422D	ASSY SMD;LNT1953HX/XAA,BP19MU	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45§-,96.5Sn/	3.48	S.N.A
....4	D141	0401-000132	DIODE-SWITCHING;BAV99,70V,50mA,SOT-23,TP	1	S.A
....4	D142	0401-000132	DIODE-SWITCHING;BAV99,70V,50mA,SOT-23,TP	1	S.A
....4	D2000	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D601	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D104	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D106	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D107	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D108	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D109	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D110	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D111	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D112	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D114	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D115	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D116	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D306	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D308	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D309	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D310	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D311	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D400	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D504	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D301	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D500	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D607	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D608	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D609	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D603	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	ZD100	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D113	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D102	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D155	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D156	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D300	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D103	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D117	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D118	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D119	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D120	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D123	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D124	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D125	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D126	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D127	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D128	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D129	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D130	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D131	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D132	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D133	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D134	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D135	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D136	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D137	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D138	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D139	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D140	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D143	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D144	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D146	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D147	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D148	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D149	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D150	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D151	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D152	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D153	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D401	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D121	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	S.A
....4	D122	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	S.A
....4	D312	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D313	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D304	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D305	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q302	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q304	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q400	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q600	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q601	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q602	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q603	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q605	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002270	IC-CMOS LOGIC;74LCX16373,LATCH,TSSOP,48P	1	S.A
....4	IC104	0801-002270	IC-CMOS LOGIC;74LCX16373,LATCH,TSSOP,48P	1	S.A
....4	IC2007	0904-001838	IC-BUS SWITCH;PCA9546APW,TSSOP,16P,5.1x4	1	S.A
....4	IC2008	0904-001838	IC-BUS SWITCH;PCA9546APW,TSSOP,16P,5.1x4	1	S.A
....4	IC305	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC104	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC306	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001780	IC-DRAM;HYB18T512161BF,DDR2,512Mbit,32Mx	1	S.A
....4	T0085	1201-001980	IC-AUDIO AMP;TDA7266D,SO,20P,16X11.1MM,-	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	IC012	1203-001465	IC-POSI.ADJUST REG.;317,TO-263,3P,-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002074	IC-POSI.FIXED REG.;MIC39150,TO-263,3P,-,	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	T0087	1203-003703	IC-POSI.FIXED REG.;AP1117E-18A,SOT-223,3	1	S.A
....4	IC602	1203-004268	IC-DC/DC CONVERTER;SC4521SETRT,SOIC,8P,4	1	S.N.A
....4	IC300	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC301	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC202	1204-002648	IC-DECODER;215H4AALA11HG,BGA,444P,27x27m	1	S.A
....4	IC503	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.A
....4	IC700	1205-002737	IC-RECEIVER;MST3385M-LF-110,QFP,128P,20x	1	S.A
....4	IC109	1205-002738	IC-LCD CONTROLLER;SE6181LA-LF,LQFP,256P,	1	S.A
....4	R2092	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2093	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2094	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2095	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2096	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2097	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R709	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R710	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R366	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R601	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R105	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R106	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R148	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R180	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R181	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R182	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R183	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R184	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R185	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2000	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2023	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2063	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2066	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2078	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2127	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2145	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2146	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2149	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2183	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2184	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2185	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2186	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2187	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2188	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3010	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R319	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R378	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R386	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R387	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R729	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R120	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R123	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R134	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2001	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2003	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2004	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2008	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2013	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2014	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2018	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2021	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2022	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2024	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2025	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2027	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2032	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2033	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2035	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2036	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2039	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2040	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2042	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2049	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2053	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2056	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2057	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2058	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2060	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2062	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2068	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2182	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R530	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R109	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R114	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R122	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R142	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R143	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R152	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R154	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R186	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2111	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2112	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2114	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2115	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2116	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2118	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2121	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2122	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2123	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2124	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2126	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2128	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2130	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2131	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2132	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2133	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2142	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2143	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2144	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2147	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2148	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2157	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2158	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R312	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R313	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R314	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R315	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R317	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R318	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R321	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R322	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R323	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R325	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R326	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R327	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R328	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R329	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R330	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R331	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R332	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R333	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R334	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R335	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R336	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R337	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R338	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R339	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R340	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R341	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R342	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R343	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R344	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R346	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R403	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R404	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R531	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R532	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R533	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R540	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R542	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R548	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R549	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R550	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R602	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R733	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R157	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R158	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R170	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R173	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R300	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R411	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R141	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R144	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R146	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R147	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R113	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R131	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R145	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R150	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R151	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R169	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2134	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R305	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R306	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R316	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R392	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R405	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R420	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R544	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R545	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R555	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R556	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R557	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R607	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2138	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2140	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2141	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R364	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R377	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R391	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R396	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R400	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R554	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R560	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R600	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R609	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R740	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R741	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R608	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R616	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R632	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R115	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R116	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R124	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R129	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R139	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2037	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2113	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2129	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2136	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2150	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2151	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2152	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2153	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2154	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2159	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2160	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2161	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2163	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2164	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2165	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2166	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2167	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2168	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2170	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2171	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2172	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2173	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2174	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2175	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2176	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2180	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2195	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2196	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3000	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R308	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R310	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R347	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R348	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R349	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R350	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R351	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R352	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R353	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R354	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R355	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R357	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R358	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R359	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R360	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R361	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R381	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R410	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R552	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R553	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R559	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R569	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R605	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R611	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R618	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R619	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R623	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R624	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R628	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R630	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R636	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R640	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R641	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R642	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R738	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R748	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R163	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R165	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R536	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R538	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R561	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R309	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R394	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R402	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R406	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R414	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R534	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R543	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R565D	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R566D	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R612	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R635	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R558	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608	1	S.A
....4	R407	2007-000105	R-CHIP;200Kohm,5%,1/10W,TP,1608	1	S.A
....4	R408	2007-000105	R-CHIP;200Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
....4	R2067	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2082	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2085	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2087	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R324	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R711	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R714	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R716	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R718	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R721	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R723	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R401	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R713	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R720	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R613	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R615	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R637	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R390	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	Rr388	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	Rr389	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R304	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R747	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R620	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R634	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R604D	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R614	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A
....4	R302	2007-000211	R-CHIP;1.1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R418	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R108	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R126	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R128	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R132	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R133	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R135	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R136	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R137	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R138	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R171	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R175	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R176	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3008	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3009	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R730	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R731	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R732	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R734	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R735	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R736	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R621	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R629	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R627	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R160	2007-000659	R-CHIP;27OHM,5%,1/10W,TP,1608	1	S.A
....4	R161	2007-000659	R-CHIP;27OHM,5%,1/10W,TP,1608	1	S.A
....4	R617	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R622	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R626	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R639	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2045	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	R2048	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R726	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R727	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R2044	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R2047	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R708	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R625	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R631	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A
....4	R3003	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A
....4	R638	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A
....4	R712	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R715	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R717	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R719	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R722	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R724	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R155	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R156	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R159	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R177	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R178	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R179	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R111	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R112	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R130	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2005	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2007	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R393	2007-007512	R-CHIP;43ohm,5%,1/10W,TP,1608	1	S.A
....4	R395	2007-007512	R-CHIP;43ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069	2007-007797	R-CHIP;44.2ohm,1%,1/10W,TP,1608	1	S.A
....4	RA2000	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA2001	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2002	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2003	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2004	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2005	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2014	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2015	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2017	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2018	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2019	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2020	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2021	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2006	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2007	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2022	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2023	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2024	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2025	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA700	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA701	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA702	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA703	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA704	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA705	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA706	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2008	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2009	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2010	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2011	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2012	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2013	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2016	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2026	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2027	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2028	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2029	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2030	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2031	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA400	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA401	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA402	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA403	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA404	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	C526	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C536	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C560	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C561	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C572	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C573	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C612	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C652	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C102	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2000	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2003	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2012	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2013	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2020	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2022	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2028	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2029	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2031	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2032	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2033	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2035	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2036	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2037	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2039	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2040	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2041	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2044	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2045	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2047	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2049	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2051	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2057	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2058	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2059	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2062	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2063	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2064	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2065	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2066	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2067	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2068	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2069	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2070	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2071	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2072	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2073	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2074	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2076	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2077	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2078	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2079	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2081	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2082	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2083	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2088	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2089	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2091	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2092	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2093	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2094	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2096	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2099	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2100	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2102	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2107	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2108	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2110	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2111	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2113	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2114	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2116	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2121	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2122	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2123	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2125	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2126	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2129	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2143	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2144	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2148	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2149	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2150	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2151	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2152	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2153	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2154	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2155	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2156	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2157	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2158	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2160	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2162	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2164	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2165	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C308	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C311	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C312	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C313	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C314	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C316	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C329	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C404	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C424	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C438	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C454	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C457	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C463	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C547	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C614	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C702	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C705	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C708	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C710	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C712	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C713	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C714	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C718	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C719	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C720	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C721	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C722	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C723	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C725	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C739	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C740	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C748	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C105	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C106	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C107	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C108	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C115	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C430	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C728	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2050	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C304	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C317	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C324	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C325	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C327	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C328	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C401	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C434	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C435	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C439	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C441	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C444	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C448	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C624	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C625	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C637	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C638	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C646	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C647	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C655	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C656	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C641	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C644	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C659	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C662	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C2048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C319	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C432	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C562	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C563	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C575	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C576	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C577	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C578	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C700	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C701	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C704	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C709	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C731	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C737	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C738	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C743	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C749	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C458	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C321	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C402	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C403	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C453	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C462	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C751	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C752	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C2042	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C2043	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C564	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C632	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C633	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C648	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C649	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C109	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C110	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C111	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C112	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C113	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C114	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C116	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C118	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C123	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C125	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C126	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C129	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C130	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C131	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C451	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C460	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C756	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C545	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C546	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C459	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C445	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C538	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C729	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C730	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C732	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C733	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C734	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C735	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C736	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C742	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C744	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C745	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C746	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C750	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2007	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C323	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C629	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C452	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C455	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C456	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C461	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C531	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C543	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C544	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C539	2203-001155	C-CER,CHIP;0.068nF,5%,50V,NP0,TP,1608	1	S.A
....4	C447	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C716	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C717	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C757	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C605	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C618	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C525	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C537	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C611	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C627	2203-002392	C-CER,CHIP;220nF,+80-20%,50V,Y5V,2012	1	S.A
....4	C607	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C122	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C134	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C135	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C136	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C137	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C138	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C139	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C140	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C141	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C2025	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C300	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C303	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C306	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C309	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C318	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C426	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C436	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C437	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C530	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C559	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C606	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C616	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C620	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C621	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C658	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C661	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C663	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C672	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C715	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C727	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C755	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C2056	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2146	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2163	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C301	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C405	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C406	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C407	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C409	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C410	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C411	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C412	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C413	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C414	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C415	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C416	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C417	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C418	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C422	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C423	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C601	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C602	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C604	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C670	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C726	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C626	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A
....4	C425	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C428	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C431	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C433	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C446	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C449	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C568	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C609	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C645	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C651	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C669	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C617	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C631	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C507	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C514	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C519	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C520	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C521	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C522	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C523	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C527	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C555	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C101	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C103	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2127	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C310	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C429	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C440	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C532	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C541	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C706	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C707	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C330	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
....4	C119	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C121	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C529	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C548	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C557	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C603	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C608	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C613	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C634	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C650	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C657	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C660	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C675	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C2167	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C400	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C524	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C610	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C630	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C666	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C667	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C668	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C711	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C724	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C623	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C2023	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2024	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2106	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2145	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2147	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2161	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2166	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C443	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C550	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C553	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C664	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C566	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C567	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C450	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C315	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C540	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C569	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C570	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C442	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C534	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C703	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C741	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C747	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C556	2402-001185	C-AL,SMD;2.2UF,20%,50V,WT,TP,4.3X4.3X6MM	1	S.A
....4	C571	2402-001218	C-AL,SMD;22UF,20%,35V,WT,TP,6.6X6.6X5.8M	1	S.A
....4	C528	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C427	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	S.A
....4	C565	2402-001268	C-AL,SMD;100uF,+-20%,25V,WT,REEL,8x6.3	1	S.A
....4	C671	2402-001268	C-AL,SMD;100uF,+-20%,25V,WT,REEL,8x6.3	1	S.A
....4	C615	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C639	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C642	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C635	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C636	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C653	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C654	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C628	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	T0052	2703-000222	INDUCTOR-SMD;560nH,10%,2012	1	S.A
....4	T0052	2703-000222	INDUCTOR-SMD;560nH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0174	BN44-00152B	IP BOARD;IP-51140T,BORDEUX PLUS,3.5 ~4.5	1	S.A
..2	T0530	BN61-03245A	SUPPORT-PCB;NYLON 6.6,1.2,NATURAL,DAMS-2	1	S.N.A
..2	M2893	BN96-02854Q	ASSY MISC P-FFC CABLE;BORDEAUX PLUS 19",	1	S.A
..2	M0412	BN96-04795B	ASSY BRACKET P-PCB;BORDEAUX PLUS19,UO,SE	1	S.N.A
...3	M0131	AA63-01047A	GASKET;ROMR 40,Conductive Fabric,5.5mm,1	1	S.N.A
...3	M0131	AA63-01130A	GASKET;JD26KO,Conductive Fabric,10mm,8mm	1	S.N.A
...3		BN61-02428D	STUD-PEM;PNA,M4,D8,L8,ZPC(SIL),SUM24L	1	S.N.A
...3	M0107	BN61-03050B	BRACKET-PCB;19R8,SECC,T0.8,AMLCD	1	S.N.A
...3	T0514	BN61-03051A	BRACKET-SUPPORT;19R81,SECC,T1.6,-,-,-,-	1	S.N.A
...3		BN61-03376A	BRACKET-FINGER;Cu,0.1,10,25,H4.5	1	S.N.A
..2	M2893	BP39-00028C	LEAD CONNECTOR;LS20HABBSQ,UL1007#26,UL/C	1	S.A
0.1	M0019	BN92-01938P	ASSY LABEL;LNT1953HX/XAA	1	S.N.A
0.1	M0113	BN92-02383A	ASSY P/MATERIAL;19R81	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.011	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,--	0.002	S.N.A
..2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	1.6	S.N.A
..2	M0081	6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,-,-	0.032	S.N.A
..2	T0524	6902-000758	BAG PE;HDPE/HDPE/NITRON(DOUBLE),T0.015/T	1	S.N.A
0.1	M0003	BN92-02422G	ASSY BOX;LNT1953HX/XAA	1	S.N.A
..2	BOX	BN69-01773A	BOX-01,SET;19R8B,CB,SY-01,A,WHT,A1,W545,	1.02	S.N.A
..2	T0081	BN96-02895A	ASSY MISC P-HANDLE PACKING;ALL MODEL,BN6	1	S.N.A
...3	M0103	BN66-00007A	LEVER-TOP;ALL MODEL,LDPE,WHITE	1	S.N.A
...3	M0102	BN66-00008A	LEVER-BOTTOM;ALL MODEL,LDPE,WHITE	1	S.N.A
0.1	M0045	BN92-02437A	ASSY ACCESSORY;LNT1953HX/XAA	1	S.N.A
..2	T0074	BN59-00601A	REMOCON;BORDEAUX PLUS 19,TM86,SAMSUNG 24	1	S.A
..2	M0045	BN96-04847A	ASSY ACCESSORY;LNT1953HX/XAA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00371C	MARK RECYCLE-CARD WARRANTY,06;,SEA,W/P10	1	S.N.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0511	BN68-01184A	MANUAL USERS;COMM,SAMSUNG,ENGLISH,N.Amer	1	S.N.A
...3	ACCESSORY	BN68-01185A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A
...3	T0238	AA68-03870C	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0238	AA68-03870D	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0511	AA68-03242L	MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E	1	S.N.A
..2	UNIT/ACCES	BN96-04847B	ASSY ACCESSORY-BLACK;LNT1953HX/XAA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3		BN63-03216A	COVER-DECORATION LEFT;19R81,PC+ABS,-,-,-	1	S.N.A
...3	ACCESSORY	BN63-03217A	COVER-DECORATION RIGHT;19R81,PC+ABS,-,-,	1	S.N.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
..2	M0523	BN96-04960A	ASSY BRACKET P-WALL;19R81,SECC	1	S.N.A
...3	CIS	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A
...3	T0101	BN61-01162A	BRACKET-WALL;VE15,SECC,2.0	1	S.N.A
...3		BN68-00850G	MANUAL FLYER-WALL POSITION;COMM,SAMSUNG,	1	S.N.A
...3		BN68-00850H	MANUAL FLYER-WALL MOUNT;COMM,SAMSUNG,Eng	1	S.N.A
...3	M0132	BN96-01272A	ASSY MISC P-SCREW;VE15UO	1	S.N.A

6-2 LNT1954HX Parts List

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
		LNT1954HX/XAA	LN-T1954H,N10A/19R80-GBP,19,LCD-TV,UNITE		
0.1	M0001	BN90-01198B	ASSY COVER FRONT;LNT1954HX/XAA,-,-,-,-	1	S.N.A
..2	T0175	BN96-04760A	ASSY SPEAKER P;16¥Ø,Bordeuax plus 19,Rig	1	S.A
..2	T0003	BN96-04792B	ASSY COVER P-FRONT;19R81,UO,PC,V0,WH14,S	1	S.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3	M0960	BN61-03079A	HOLDER-BOSS;19R81,PC,V0,-,-,-,BK27,-	1	S.N.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.6	S.N.A
...3	M0112	BN63-03213B	COVER-FRONT;19R81,UO,PC,-,-,-,V0,-,WH14,	1	S.N.A
...3	T0056	BN63-03431A	COVER-DECORATION;19R8,PC,T2.0,HB,CLEAR	1	S.N.A
...3	M0175	BN96-04809E	ASSY BOARD P-TOUCH FU/IR;BORDEAUX PLUS 1	1	S.A
...3	T0603	BN64-00588B	WINDOW-RMC;32,BORDEAUX PLUS,PC,HB,CLEAR	1	S.N.A
...3		BN96-05333A	ASSY MISC P-BLU;Bordeaux Plus,BACK LIGHT	1	S.N.A
...3	T0081	6002-001294	SCREW-TAPPING;BH,+,,M4,L16,ZPC(BLK)	2	S.A
0.1	M0002	BN90-01199B	ASSY COVER REAR;LNT1954HX/XAA,-,-,-,-	1	S.N.A
..2	M0013	BN96-04793B	ASSY COVER P-REAR;19R81,UO,PC+ABS,V0,WH1	1	S.A
...3	CCM1	BN63-02183D	COVER-SHEET;Rhcm,PE Vinyl,T0.05,680mm,20	0.6	S.N.A
...3	M0006	BN63-03214B	COVER-REAR;19R81,UO,PC+ABS,-,-,-,V0,-,WH	1	S.N.A
...3	T0071	BN64-00599B	INLAY-TERMINAL;19R81,UO,PS SHEET,T0.5,bu	1	S.N.A
...3		BN65-00002B	CLAMPER BAG;BORDEAUX,PP,V0,WHITE	1	S.N.A
...3	T0152	BN96-04317A	ASSY BRACKET P-VESA;19R71,SECC,T1.0	2	S.N.A
....4	T0069	BN60-00027C	SPACER-FELT;19R7,FELT,90,T0.35,10	1	S.N.A
....4	M0113	BN61-02621A	BRACKET-VESA;19R7,SECC,T1.0	1	S.N.A
..2	M0081	6003-001324	SCREW-TAPTITE;BH,+,B,M4,L16,NI PLT,SWRCH	6	S.N.A
0.1	M0216	BN90-01200B	ASSY STAND;19R81,WHITE	1	S.N.A
..2	M0027	BN96-04794B	ASSY STAND P-BASE;19R81,ABS+PMMA,HB,WH12	1	S.A
...3	M0081	6003-001001	SCREW-TAPTITE;FH,+,B,M3,L8,ZPC(BLK),SWRC	4	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	3	S.N.A
...3	M0081	6003-001003	SCREW-TAPTITE;BH,+,B,M4,L12,ZPC(BLK),SWR	1	S.N.A
...3		BN61-03053A	BRACKET-STAND BOTTOM;19R8,SECC,T1.0	1	S.N.A
...3	CCM1	BN63-02183A	COVER-SHEET;ROME,PE Vinyl,T0.05,100mm,20	0.1	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.6	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.2	S.N.A
...3	CCM1	BN63-02183C	COVER-SHEET;Rhcm,PE Vinyl,T0.05,200mm,20	0.2	S.N.A
...3	T0004	BN63-03218B	COVER-STAND BASE;19R81,ABS+PMMA,HB,WH12,	1	S.N.A
...3		BN63-03219B	COVER-STAND FRONT;19R81,ABS+PMMA,HB,WH12	1	S.N.A
...3		BN63-03220B	COVER-STAND REAR;19R81,ABS+PMMA,HB,WH12,	1	S.N.A
...3		BN64-00600B	KNOB-LOCKING;19R81,ABS+PMMA,HB,WH12,H/GL	1	S.N.A
...3	T0132	BN73-00077A	RUBBER FOOT;MATISSE,BUMPON,¨ª13.5,T2.0,6	4	S.N.A
...3	T0054	BN96-04798A	ASSY HINGE P;19R81,SECC,T2.0	1	S.N.A
0.1		BN91-01017W	ASSY LCD-STN(STZ);LN19R71BX/XSJ	1	S.N.A
..2	M0215	BN07-00351A	LCD-PANEL;LTM190M2-L31,Haydn,6bit Hi-FRC	1	S.A
0.1	M0017	BN91-01412C	ASSY CHASSIS-STN;LNT1953HX/XAA,AMLCD PAN	1	S.A
..2	M0014	BN94-01208C	ASSY PCB MAIN-STZ;LNT1953HX/XAA	1	S.N.A
...3	T0245	0202-001492	SOLDER-WIRE FLUX;HSE-02 LFM48 SR-34 S,-,	0.25	S.N.A
...3	CN101	3701-001400	CONNECTOR-DSUB;15P,3R,FEMALE,STRAIGHT,Ni	1	S.A
...3	CN906	3707-001081	CONNECTOR-OPTICAL;STRAIGHT,SPDIF	1	S.A
...3	CN330	3711-000058	HEADER-BOARD TO CABLE;BOX,4P,1R,2.5MM,AN	1	S.A
...3	CN330	3711-003846	HEADER-BOARD TO CABLE;BOX,8P,1R,2mm,ANGL	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA330	3722-001061	JACK-PHONE;1P,3.6PI,AG,BLK,N	1	S.A
...3	JA332	3722-001734	JACK-VHS;4P,SN,BLK,STRAIGHT	1	S.A
...3	JA333	3722-002360	JACK-PIN;3P,AU,GRN/BLU/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002362	JACK-PIN;2P,Sn,WHT/RED,STRAIGHT	1	S.A
...3	JA333	3722-002363	JACK-PIN;3P,Sn,YEL/WHT/RED,STRAIGHT	1	S.A
...3	CN109	3722-002516	JACK-USB;4P/1C,AU30U,BLK,STRAIGHT,A TYPE	1	S.A
...3	T0073	AA63-01109C	GASKET-EMI;42D5,T0.5,10,25,Fabric	1	S.N.A
...3	CIS3	BN40-00097A	TUNER;DTVS227CH281A,DTVS227CH281A,ATSC/N	1	S.A
...3	CIS7	BN73-00024C	SILICON/RUBBER-BERGQUIST;VENUS 32,40",SI	1	S.N.A
...3	CIS3	BN73-00026A	SILICON/RUBBER-GAP PAD;AL29NO,SILICON,12	1	S.N.A
...3	CCMM1	BN73-00125A	SILICON/RUBBER;SPL07,SILICON+ALUMINA,W20	1	S.N.A
...3	T0175	BN96-05750A	ASSY SHIELD P-PCB MAIN;BORDEAUX PLUS 19,	1	S.N.A
....4	T0178	BN63-03319A	SHIELD-PCB;19R8,SPTE,T0.3	1	S.N.A
....4	M2893	BN39-00949A	LEAD CONNECTOR;BORDEAUX PLUS,UL1015#18,U	1	S.A
...3	T0174	BN97-01422D	ASSY SMD;LNT1953HX/XAA,BP19MU	1	S.N.A
....4	SUB05	0202-001477	SOLDER-CREAM;LST309-M,-,D20~45§-,96.5Sn/	3.48	S.N.A
....4	D141	0401-000132	DIODE-SWITCHING;BAV99,70V,50mA,SOT-23,TP	1	S.A
....4	D142	0401-000132	DIODE-SWITCHING;BAV99,70V,50mA,SOT-23,TP	1	S.A
....4	D2000	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D601	0401-000133	DIODE-SWITCHING;RLS4148,75V,150mA,LL-34,	1	S.A
....4	D101	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D104	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D105	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D106	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D107	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D108	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	D109	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D110	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D111	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D112	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D114	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D115	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D116	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D306	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D307	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D308	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D309	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D310	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D311	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D400	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D504	0401-001056	DIODE-SWITCHING;MMBD4148SE,100V,200mA,SO	1	S.A
....4	D301	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D302	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D500	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D607	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D608	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D609	0401-001099	DIODE-SWITCHING;1N4148WS,75V,150mA,SOD-3	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D0254	0402-000553	DIODE-SCHOTTKY;SS24/B240,40V,2000mA,DO-2	1	S.A
....4	D603	0402-001098	DIODE-RECTIFIER;SK34,40V,3A,SMC,TP	1	S.A
....4	ZD100	0403-000258	DIODE-ZENER;BZX84C5V6,5.2-6V,225mW,SOT-2	1	S.A
....4	D113	0403-000620	DIODE-ZENER;RLZ5.6B,5.45-5.73V,500mW,LL-	1	S.A
....4	D102	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D155	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D156	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D300	0403-001016	DIODE-ZENER;RLZ6.2B,5.96-6.27V,500mW,LL-	1	S.A
....4	D103	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D117	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D118	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D119	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D120	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D123	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D124	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D125	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D126	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D127	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D128	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D129	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D130	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D131	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D132	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D133	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D134	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D135	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D136	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D137	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D138	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D139	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D140	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D143	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D144	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D146	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D147	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D148	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D149	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D150	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D151	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D152	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D153	0403-001052	DIODE-ZENER;RD8.2MB,7.7-8.7V,200mW,SOT-2	1	S.A
....4	D401	0403-001425	DIODE-ZENER;BZX84C33,31-35V,350mW,SOT-23	1	S.A
....4	D121	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	S.A
....4	D122	0406-001163	DIODE-TVS;CDS3C05GTA,6.4V/-/-,-,SMD	1	S.A
....4	D312	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D313	0406-001172	DIODE-TVS;CDS3C30GTH,48V,SMD	1	S.A
....4	D304	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D305	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	D503	0407-000123	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	1	S.A
....4	Q301	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q302	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q304	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q400	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q501	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q502	0501-000342	TR-SMALL SIGNAL;KSC1623-Y,NPN,200mW,SOT-	1	S.A
....4	Q600	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q601	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q602	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q603	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	Q605	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-000110	FET-SILICON;2N7002,N,60V,115mA,7.5ohm,0.	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	Q409	0505-001170	FET-SILICON;SI9933ADY-T1,P,-20V,3.4A,0.0	1	S.A
....4	IC104	0801-002270	IC-CMOS LOGIC;74LCX16373,LATCH,TSSOP,48P	1	S.A
....4	IC104	0801-002270	IC-CMOS LOGIC;74LCX16373,LATCH,TSSOP,48P	1	S.A
....4	IC2007	0904-001838	IC-BUS SWITCH;PCA9546APW,TSSOP,16P,5.1x4	1	S.A
....4	IC2008	0904-001838	IC-BUS SWITCH;PCA9546APW,TSSOP,16P,5.1x4	1	S.A
....4	IC305	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	1	S.A
....4	IC104	1001-001155	IC-ANALOG MULTIPLEX;NC7SB3157P6X,CMOS,SC	1	S.A
....4	IC306	1006-001266	IC-LINE TRANSCEIVER;SP3232EEY,TSSOP,16P,	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-000129	IC-EEPROM;24C02,2Kbit,256x8Bit,SOP,8P,5x	1	S.A
....4	IC112	1103-001385	IC-EEPROM;24C256,256Kbit,32Kx8,SOP,8P,5x	1	S.A
....4	IC113	1105-001780	IC-DRAM;HYB18T512161BF,DDR2,512Mbit,32Mx	1	S.A
....4	T0085	1201-001980	IC-AUDIO AMP;TDA7266D,SO,20P,16X11.1MM,-	1	S.A
....4	T0085	1201-002136	IC-AUDIO AMP;LM4810,MSOP,8P,3x3mm,DUAL,-	1	S.A
....4	IC012	1203-001465	IC-POSI.ADJUST REG.;317,TO-263,3P,-,PLAS	1	S.A
....4	T0087	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-001816	IC-POSI.FIXED REG.;78M08,TO-252,3P,-,PLA	1	S.A
....4	T0087	1203-002074	IC-POSI.FIXED REG.;MIC39150,TO-263,3P,-,	1	S.A
....4	T0087	1203-002974	IC-POSI.FIXED REG.;AP1117D-25A,TO-252,3P	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0170	1203-003059	IC-SWITCH VOL. REG.;MP1583,SOIC,8P,4.9x3	1	S.A
....4	T0087	1203-003696	IC-POSI.FIXED REG.;NCP1117DT18T5G,DPAK,3	1	S.A
....4	T0087	1203-003703	IC-POSI.FIXED REG.;AP1117E-18A,SOT-223,3	1	S.A
....4	IC602	1203-004268	IC-DC/DC CONVERTER;SC4521SETRT,SOIC,8P,4	1	S.N.A
....4	IC300	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC301	1203-004364	IC-VOL. DETECTOR;RT9818C-42PV,SOT-23,3P,	1	S.A
....4	IC202	1204-002648	IC-DECODER;215H4AALA11HG,BGA,444P,27x27m	1	S.A
....4	IC503	1204-002708	IC-AUDIO PROCESSOR;MSP4450K-VK-E8-500,PM	1	S.A
....4	IC700	1205-002737	IC-RECEIVER;MST3385M-LF-110,QFP,128P,20x	1	S.A
....4	IC109	1205-002738	IC-LCD CONTROLLER;SE6181LA-LF,LQFP,256P,	1	S.A
....4	R2092	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2093	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2094	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2095	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2096	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R2097	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R709	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R710	2007-000043	R-CHIP;1Kohm,1%,1/10W,TP,1608	1	S.A
....4	R366	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R601	2007-000052	R-CHIP;10Kohm,1%,1/10W,TP,1608	1	S.A
....4	R101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R105	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R106	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R107	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R117	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R148	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R180	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R181	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R182	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R183	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R184	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R185	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2000	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2009	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2023	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2029	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2054	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2063	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2066	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2075	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2078	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2101	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2120	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2127	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2145	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2146	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2149	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2183	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2184	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2185	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2186	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2187	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R2188	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R3010	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R319	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R320	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R378	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R386	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R387	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R413	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R421	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R424	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R729	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R739	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R745	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R746	2007-000070	R-CHIP;0ohm,5%,1/10W,TP,1608	1	S.A
....4	R120	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R121	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R123	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R134	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2001	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2002	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2003	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2004	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2006	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2008	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2010	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2011	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2012	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2013	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2014	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2015	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2016	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2017	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2018	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2019	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2020	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2021	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2022	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2024	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2025	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2027	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2028	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2032	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2033	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2035	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2036	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2039	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2040	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2042	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2043	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2046	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2049	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2050	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2052	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2053	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2056	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2057	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2058	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2059	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2060	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2062	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2064	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2065	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2068	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R2182	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R530	2007-000071	R-CHIP;22ohm,5%,1/10W,TP,1608	1	S.A
....4	R109	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R114	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R119	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R122	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R142	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R143	2007-000072	R-CHIP;47ohm,5%,1/10W,TP,1608	1	S.A
....4	R152	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R153	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R154	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R186	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2110	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2111	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2112	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2114	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2115	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2116	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2118	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2119	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2121	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2122	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2123	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R2124	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2126	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2128	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2130	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2131	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2132	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2133	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2142	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2143	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2144	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2147	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2148	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2155	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2157	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R2158	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R311	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R312	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R313	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R314	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R315	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R317	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R318	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R321	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R322	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R323	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R325	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R326	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R327	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R328	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R329	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R330	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R331	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R332	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R333	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R334	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R335	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R336	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R337	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R338	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R339	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R340	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R341	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R342	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R343	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R344	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R345	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R346	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R403	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R404	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R531	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R532	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R533	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R540	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R542	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R548	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R549	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R550	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R602	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R733	2007-000074	R-CHIP;100ohm,5%,1/10W,TP,1608	1	S.A
....4	R157	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R158	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R170	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R173	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R300	2007-000075	R-CHIP;220ohm,5%,1/10W,TP,1608	1	S.A
....4	R411	2007-000076	R-CHIP;330ohm,5%,1/10W,TP,1608	1	S.A
....4	R141	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R144	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R146	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R147	2007-000077	R-CHIP;470ohm,5%,1/10W,TP,1608	1	S.A
....4	R113	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R131	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R145	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R150	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R151	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R169	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2104	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2134	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R305	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R306	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R316	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R392	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R397	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R405	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R420	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R535	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R544	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R545	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R555	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R556	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R557	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R607	2007-000078	R-CHIP;1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R118	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2098	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2099	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2100	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2137	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2138	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2140	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2141	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R303	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R364	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R377	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R391	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R396	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R400	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R554	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R560	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R600	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R609	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R740	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R741	2007-000084	R-CHIP;4.7Kohm,5%,1/10W,TP,1608	1	S.A
....4	R608	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R616	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R632	2007-000087	R-CHIP;6.8Kohm,5%,1/10W,TP,1608	1	S.A
....4	R103	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R104	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R115	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R116	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R124	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R129	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R139	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2037	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2113	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2129	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2136	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2150	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2151	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2152	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2153	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2154	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2159	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2160	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2161	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2163	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2164	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2165	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2166	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2167	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2168	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2170	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2171	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2172	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2173	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2174	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2175	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2176	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2177	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2178	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2179	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2180	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2190	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2191	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2192	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2193	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2194	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2195	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2196	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3000	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R3001	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R307	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R308	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R310	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R347	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R348	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R349	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R350	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R351	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R352	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R353	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R354	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R355	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R357	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R358	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R359	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R360	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R361	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R362	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R363	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R381	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R409	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R410	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R417	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R552	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R553	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R559	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R569	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R605	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R611	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R618	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R619	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R623	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R624	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R628	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R630	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R633	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R636	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R640	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R641	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R642	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R738	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R748	2007-000090	R-CHIP;10Kohm,5%,1/10W,TP,1608	1	S.A
....4	R163	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R165	2007-000092	R-CHIP;15Kohm,5%,1/10W,TP,1608	1	S.A
....4	R536	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R538	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R561	2007-000093	R-CHIP;20Kohm,5%,1/10W,TP,1608	1	S.A
....4	R412	2007-000094	R-CHIP;22Kohm,5%,1/10W,TP,1608	1	S.A
....4	R309	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R394	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R402	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R406	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R414	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R534	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R543	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R565D	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R566D	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R603	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R612	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R635	2007-000102	R-CHIP;100Kohm,5%,1/10W,TP,1608	1	S.A
....4	R558	2007-000103	R-CHIP;120Kohm,5%,1/10W,TP,1608	1	S.A
....4	R407	2007-000105	R-CHIP;200Kohm,5%,1/10W,TP,1608	1	S.A
....4	R408	2007-000105	R-CHIP;200Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2103	2007-000109	R-CHIP;1Mohm,5%,1/10W,TP,1608	1	S.A
....4	R2067	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2082	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2085	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2087	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2089	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R2091	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R324	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R711	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R714	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R716	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R718	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R721	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R723	2007-000113	R-CHIP;33ohm,5%,1/10W,TP,1608	1	S.A
....4	R401	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R416	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R713	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R720	2007-000118	R-CHIP;390ohm,5%,1/10W,TP,1608	1	S.A
....4	R613	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R615	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R637	2007-000119	R-CHIP;560ohm,5%,1/10W,TP,1608	1	S.A
....4	R390	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	Rr388	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	Rr389	2007-000123	R-CHIP;1.5Kohm,5%,1/10W,TP,1608	1	S.A
....4	R304	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R747	2007-000124	R-CHIP;2.2Kohm,5%,1/10W,TP,1608	1	S.A
....4	R620	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	R634	2007-000125	R-CHIP;3.9Kohm,5%,1/10W,TP,1608	1	S.A
....4	R604D	2007-000129	R-CHIP;27Kohm,5%,1/10W,TP,1608	1	S.A
....4	R614	2007-000134	R-CHIP;33Kohm,5%,1/10W,TP,1608	1	S.A
....4	R302	2007-000211	R-CHIP;1.1Kohm,5%,1/10W,TP,1608	1	S.A
....4	R415	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R418	2007-000287	R-CHIP;100OHM,1%,1/10W,TP,1608	1	S.A
....4	R108	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R126	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R128	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R132	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R133	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R135	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R136	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R137	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R138	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R171	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R175	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R176	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3004	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3005	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3006	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3007	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3008	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R3009	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R730	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R731	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R732	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R734	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R735	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R736	2007-000309	R-CHIP;10ohm,5%,1/10W,TP,1608	1	S.A
....4	R621	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R629	2007-000458	R-CHIP;18Kohm,5%,1/10W,TP,1608	1	S.A
....4	R627	2007-000512	R-CHIP;2.4Kohm,5%,1/10W,TP,1608	1	S.A
....4	R160	2007-000659	R-CHIP;27OHM,5%,1/10W,TP,1608	1	S.A
....4	R161	2007-000659	R-CHIP;27OHM,5%,1/10W,TP,1608	1	S.A
....4	R617	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R622	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R626	2007-000683	R-CHIP;3.3Kohm,1%,1/10W,TP,1608	1	S.A
....4	R639	2007-000704	R-CHIP;3.6Kohm,5%,1/10W,TP,1608	1	S.A
....4	R2045	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	R2048	2007-000763	R-CHIP;330ohm,1%,1/10W,TP,1608	1	S.A
....4	R2026	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R726	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R727	2007-000779	R-CHIP;33ohm,1%,1/10W,TP,1608	1	S.A
....4	R2044	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R2047	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R708	2007-000821	R-CHIP;390ohm,1%,1/10W,TP,1608	1	S.A
....4	R625	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R631	2007-000979	R-CHIP;5.6Kohm,1%,1/10W,TP,1608	1	S.A
....4	R3002	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A
....4	R3003	2007-000987	R-CHIP;5.6OHM,5%,1/10W,TP,1608	1	S.A
....4	R638	2007-001002	R-CHIP;510ohm,5%,1/10W,TP,1608	1	S.A
....4	R712	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R715	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R717	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R719	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R722	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R724	2007-001134	R-CHIP;68ohm,5%,1/10W,TP,1608	1	S.A
....4	R155	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R156	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R159	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R177	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R178	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R179	2007-001164	R-CHIP;75ohm,1%,1/10W,TP,1608	1	S.A
....4	R110	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R111	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R112	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R125	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R130	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2005	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2007	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R2030	2007-001167	R-CHIP;75ohm,5%,1/10W,TP,1608	1	S.A
....4	R393	2007-007512	R-CHIP;43ohm,5%,1/10W,TP,1608	1	S.A
....4	R395	2007-007512	R-CHIP;43ohm,5%,1/10W,TP,1608	1	S.A
....4	R2069	2007-007797	R-CHIP;44.2ohm,1%,1/10W,TP,1608	1	S.A
....4	RA2000	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2001	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2002	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2003	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2004	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2005	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2014	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2015	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	RA2017	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2018	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2019	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2020	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2021	2011-000002	R-NET;22ohm,5%,1/16W,L,CHIP,8P,TP,3216	1	S.A
....4	RA2006	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2007	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2022	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2023	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2024	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA2025	2011-000515	R-NET;4.7Kohm,5%,1/16W,L,CHIP,8P,TP,3.2x	1	S.A
....4	RA700	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA701	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA702	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA703	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA704	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA705	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA706	2011-000585	R-NET;47ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2008	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2009	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2010	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2011	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2012	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2013	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2016	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2026	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2027	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2028	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2029	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2030	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA2031	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA400	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA401	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA402	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA403	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	RA404	2011-000881	R-NET;33ohm,5%,1/16W,L,CHIP,8P,TP,3.2x1.	1	S.A
....4	C526	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C536	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C560	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C561	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C572	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C573	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C612	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C652	2203-000140	C-CER,CHIP;1.5nF,10%,50V,X7R,1608	1	S.A
....4	C102	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C120	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C132	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C133	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2000	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2003	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2006	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2012	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2013	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2018	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2020	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2022	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2027	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2028	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2029	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2031	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2032	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2033	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2034	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2035	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2036	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2037	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2038	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2039	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2040	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2041	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2044	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2045	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2046	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2047	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2049	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2051	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2052	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2053	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2054	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2055	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2057	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2058	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2059	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2060	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2061	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2062	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2063	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2064	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2065	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2066	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2067	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2068	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2069	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2070	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2071	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2072	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2073	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2074	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2075	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2076	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2077	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2078	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2079	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2080	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2081	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2082	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2083	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2084	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2085	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2086	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2087	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2088	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2089	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2090	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2091	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2092	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2093	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2094	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2095	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2096	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2097	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2098	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2099	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2100	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2101	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2102	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2103	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2104	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2105	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2107	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2108	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2109	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2110	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2111	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2112	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2113	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2114	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2115	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2116	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2117	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2121	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2122	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2123	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2124	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2125	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2126	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2128	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2129	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2143	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2144	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2148	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2149	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2150	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2151	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2152	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2153	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2154	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2155	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2156	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2157	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2158	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2159	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2160	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2162	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C2164	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2165	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C308	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C311	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C312	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C313	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C314	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C316	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C329	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C404	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C424	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C438	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C454	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C457	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C463	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C547	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C558	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C614	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C702	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C705	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C708	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C710	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C712	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C713	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C714	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C718	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C719	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C720	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C721	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C722	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C723	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C725	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C739	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C740	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C748	2203-000189	C-CER,CHIP;100nF,+80-20%,25V,Y5V,1608	1	S.A
....4	C105	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C106	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C107	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C108	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C115	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C117	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C430	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C728	2203-000236	C-CER,CHIP;0.1nF,5%,50V,C0G,1608	1	S.A
....4	C2050	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C304	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C317	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C322	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C324	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C325	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C327	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C328	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C401	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C434	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C435	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C439	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C441	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C444	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C448	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C624	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C625	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C637	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C638	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C646	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C647	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C655	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C656	2203-000257	C-CER,CHIP;10nF,10%,50V,X7R,1608	1	S.A
....4	C641	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C644	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C659	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C662	2203-000405	C-CER,CHIP;0.18nF,5%,50V,C0G,1608	1	S.A
....4	C2048	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C319	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C432	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C562	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C563	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C575	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C576	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C577	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C578	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C700	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C701	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C704	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C709	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C731	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C737	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C738	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C743	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C749	2203-000440	C-CER,CHIP;1nF,10%,50V,X7R,1608	1	S.A
....4	C458	2203-000491	C-CER,CHIP;2.2nF,10%,50V,X7R,1608	1	S.A
....4	C320	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C321	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C402	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C403	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C453	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C462	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C751	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C752	2203-000626	C-CER,CHIP;0.022nF,5%,50V,C0G,1608	1	S.A
....4	C2042	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C2043	2203-000681	C-CER,CHIP;0.027nF,5%,50V,C0G,1608	1	S.A
....4	C564	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C632	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C633	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C648	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C649	2203-000715	C-CER,CHIP;3.3nF,10%,50V,X7R,1608	1	S.A
....4	C109	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C110	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C111	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C112	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C113	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C114	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C116	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C118	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C123	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C125	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C126	2203-000783	C-CER,CHIP;0.33nF,5%,50V,C0G,1608	1	S.A
....4	C129	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C130	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C131	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C451	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C460	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C756	2203-000815	C-CER,CHIP;0.033nF,5%,50V,C0G,1608	1	S.A
....4	C545	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C546	2203-000872	C-CER,CHIP;0.0030nF,0.25pF,50V,C0G,1608	1	S.A
....4	C459	2203-000888	C-CER,CHIP;4.7nF,10%,50V,X7R,1608	1	S.A
....4	C445	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C538	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C729	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C730	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C732	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C733	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C734	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C735	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C736	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C742	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C744	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C745	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C746	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C750	2203-000972	C-CER,CHIP;47nF,10%,16V,X7R,1608	1	S.A
....4	C2007	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C323	2203-000998	C-CER,CHIP;0.047nF,5%,50V,C0G,1608	1	S.A
....4	C629	2203-001052	C-CER,CHIP;0.56nF,10%,50V,X7R,TP,1608	1	S.A
....4	C452	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C455	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C456	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C461	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C531	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C543	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C544	2203-001071	C-CER,CHIP;0.056nF,5%,50V,C0G,1608	1	S.A
....4	C539	2203-001155	C-CER,CHIP;0.068nF,5%,50V,NP0,TP,1608	1	S.A
....4	C447	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C716	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C717	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C757	2203-001607	C-CER,CHIP;0.22nF,5%,50V,NP0,1608	1	S.A
....4	C605	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C618	2203-001652	C-CER,CHIP;470nF,+80-20%,16V,Y5V,1608	1	S.A
....4	C525	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C537	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C611	2203-001656	C-CER,CHIP;0.47nF,5%,50V,NP0,1608	1	S.A
....4	C627	2203-002392	C-CER,CHIP;220nF,+80-20%,50V,Y5V,2012	1	S.A
....4	C607	2203-002793	C-CER,CHIP;1000nF,+80-20%,25V,Y5V,2012	1	S.A
....4	C122	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C134	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C135	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C136	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C137	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C138	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C139	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C140	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C141	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C2025	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C300	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C303	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C306	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C309	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C318	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C426	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C436	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C437	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C530	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C559	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C606	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C616	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C620	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C621	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C640	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C643	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C658	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C661	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C663	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C665	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C672	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C715	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C727	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C755	2203-005005	C-CER,CHIP;100nF,10%,16V,X7R,1608	1	S.A
....4	C2056	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2146	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C2163	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C301	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C405	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C406	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C407	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C408	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C409	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C410	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C411	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C412	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C413	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C414	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C415	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C416	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C417	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C418	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C419	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C420	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C421	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C422	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C423	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C601	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C602	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C604	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C670	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C726	2203-005065	C-CER,CHIP;1000nF,+80-20%,10V,Y5V,1608	1	S.A
....4	C626	2203-005221	C-CER,CHIP;15nF,10%,50V,X7R,1608	1	S.A
....4	C425	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C428	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C431	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C433	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C446	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C449	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C568	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C609	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C645	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C651	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C669	2203-005249	C-CER,CHIP;100nF,10%,50V,X7R,1608	1	S.A
....4	C617	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C631	2203-005437	C-CER,CHIP;10000nF,+80-20%,10V,Y5V,3216	1	S.A
....4	C507	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C514	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C519	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C520	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C521	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C522	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C523	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C527	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C552	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C555	2203-005533	C-CER,CHIP;1000nF,20%,6.3V,X7R,TP,1608	1	S.A
....4	C101	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C103	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2015	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2019	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	C2030	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C2127	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C302	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C310	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C429	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C440	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C532	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C541	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C706	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C707	2203-006333	C-CER,CHIP;10000nF,20%,16V,X5R,TP,3216	1	S.A
....4	C330	2203-006361	C-CER,CHIP;10000nF,10%,10V,X5R,2012	1	S.A
....4	C119	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C121	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C529	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C548	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C557	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C603	2402-000108	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.2m	1	S.A
....4	C608	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C613	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C634	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C650	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C657	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C660	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C675	2402-001081	C-AL,SMD;100uF,20%,25V,WT,TP,8.3x8.3x10	1	S.A
....4	C2167	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C400	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C524	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C610	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C630	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C666	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C667	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C668	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C711	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C724	2402-001086	C-AL,SMD;100UF,20%,16V,WT,TP,6.6X6.6X5.3	1	S.A
....4	C623	2402-001097	C-AL,SMD;0.1UF,20%,50V,WT,TP,4.3X4.3X5.2	1	S.A
....4	C2023	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2024	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2106	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2145	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2147	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2161	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C2166	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C443	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C550	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C553	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C664	2402-001128	C-AL,SMD;100¥îF,20%,16V,-,TP,6.3X5.7mm	1	S.A
....4	C566	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C567	2402-001129	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C450	2402-001147	C-AL,SMD;3.3UF,20%,50V,WT,TP,4X5.8MM	1	S.A
....4	C315	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C540	2402-001155	C-AL,SMD;47UF,20%,16V,WT,TP,6.3X5.2MM	1	S.A
....4	C569	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C570	2402-001178	C-AL,SMD;10uF,20%,16V,WT,TP,4.3x4.3x5.8m	1	S.A
....4	C442	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C534	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C703	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C741	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C747	2402-001183	C-AL,SMD;22UF,20%,16V,WT,TP,5.3X5.3X6MM	1	S.A
....4	C556	2402-001185	C-AL,SMD;2.2UF,20%,50V,WT,TP,4.3X4.3X6MM	1	S.A
....4	C571	2402-001218	C-AL,SMD;22UF,20%,35V,WT,TP,6.6X6.6X5.8M	1	S.A
....4	C528	2402-001226	C-AL,SMD;4.7UF,20%,35V,HR,TP,4.3X4.3X5.8	1	S.A
....4	C427	2402-001238	C-AL,SMD;1uF,20%,50V,HR,TP,4.3x4.3x5.2mm	1	S.A
....4	C565	2402-001268	C-AL,SMD;100uF,+-20%,25V,WT,REEL,8x6.3	1	S.A
....4	C671	2402-001268	C-AL,SMD;100uF,+-20%,25V,WT,REEL,8x6.3	1	S.A
....4	C615	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C639	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C642	2402-001273	C-AL,SMD;220uF,20%,35V,WT,REEL,10X10mm	1	S.A
....4	C635	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C636	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C653	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C654	2409-001029	C-ORGANIC,SMD;120¥îF,20%,6.3V,WT,TP,8.3x	1	S.A
....4	C628	2409-001065	C-ORGANIC;82uF,20%,16V,WT,TP,8X6.9mm,-	1	S.A
....4	T0052	2703-000222	INDUCTOR-SMD;560nH,10%,2012	1	S.A
....4	T0052	2703-000222	INDUCTOR-SMD;560nH,10%,2012	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000398	INDUCTOR-SMD;10uH,10%,3225	1	S.A
....4	T0052	2703-000417	INDUCTOR-SMD;220uH,5%,3225	1	S.A

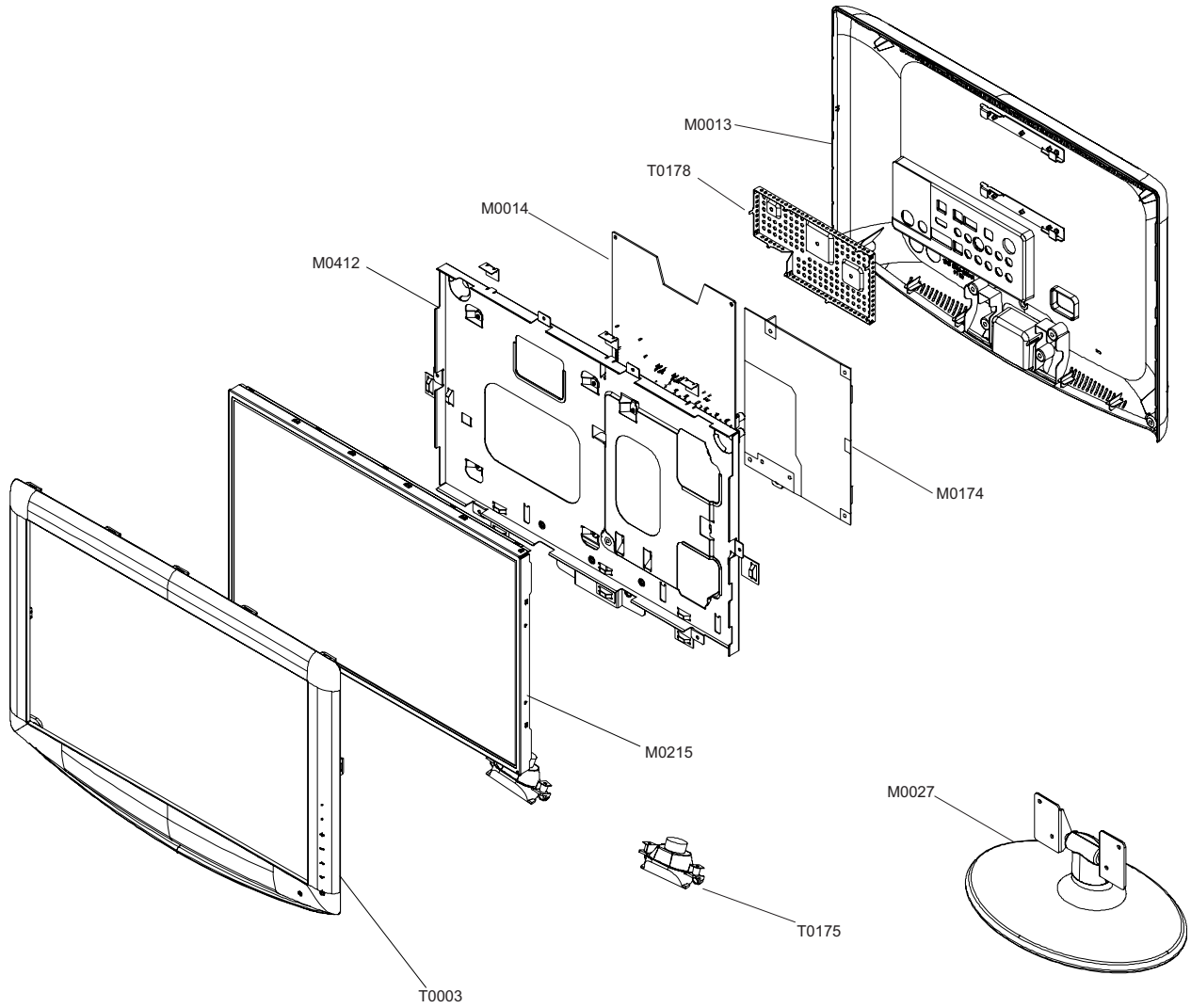
Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001079	INDUCTOR-SMD;220nH,5%,2012	1	S.A
....4	T0052	2703-001426	INDUCTOR-SMD;680uH,20%,7070	1	S.A
....4	T0052	2703-001778	INDUCTOR-SMD;3.3uH,20%,3225

Level	Loc. No.	Code No.	Description & Specification	Q'ty	SA/SNA
..2	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	6	S.N.A
..2	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	3	S.N.A
..2	M0081	6003-000275	SCREW-TAPTITE;BH,+,-,B,M3,L10,ZPC(BLK),S	4	S.N.A
..2	M0081	6003-001439	SCREW-TAPTITE;BH,+,-,S,M4,L8,ZPC(WHT),SW	1	S.N.A
..2	M0174	BN44-00152B	IP BOARD;IP-51140T,BORDEUX PLUS,3.5 ~4.5	1	S.A
..2	T0530	BN61-03245A	SUPPORT-PCB;NYLON 6.6,1.2,NATURAL,DAMS-2	1	S.N.A
..2	M2893	BN96-02854Q	ASSY MISC P-FFC CABLE;BORDEAUX PLUS 19",	1	S.A
..2	M0412	BN96-04795B	ASSY BRACKET P-PCB;BORDEAUX PLUS19,UO,SE	1	S.N.A
...3	M0131	AA63-01047A	GASKET;ROMR 40,Conductive Fabric,5.5mm,1	1	S.N.A
...3	M0131	AA63-01130A	GASKET;JD26KO,Conductive Fabric,10mm,8mm	1	S.N.A
...3		BN61-02428D	STUD-PEM;PNA,M4,D8,L8,ZPC(SIL),SUM24L	1	S.N.A
...3	M0107	BN61-03050B	BRACKET-PCB;19R8,SECC,T0.8,AMLCD	1	S.N.A
...3	T0514	BN61-03051A	BRACKET-SUPPORT;19R81,SECC,T1.6,-,-,-,-	1	S.N.A
...3		BN61-03376A	BRACKET-FINGER;Cu,0.1,10,25,H4.5	1	S.N.A
..2	M2893	BP39-00028C	LEAD CONNECTOR;LS20HABBSQ,UL1007#26,UL/C	1	S.A
0.1	M0019	BN92-01938Q	ASSY LABEL;LNT1953HX/XAA	1	S.N.A
0.1	M0113	BN92-02383A	ASSY P/MATERIAL;19R81	1	S.N.A
..2	T0376	6902-000061	BAG AIR;LDPE,T0.2,L1000,W500,TRP,,,	0.011	S.N.A
..2	T0376	6902-000379	BAG AIR;LDPE,T0.2,W1000,L1800,TRP,-,--	0.002	S.N.A
..2	T0003	6902-000604	BAG WRAPPING;LDPE,T0.02,W500,L10000,TRP,	1.6	S.N.A
..2	M0081	6902-000609	BAG ROLL;LDPE,T0.05,W2400,L1000,TRP,-,-	0.032	S.N.A
..2	T0524	6902-000758	BAG PE;HDPE/HDPE/NITRON(DOUBLE),T0.015/T	1	S.N.A
0.1	M0003	BN92-02422F	ASSY BOX;LNT1954HX/XAA	1	S.N.A
..2	BOX	BN69-01773B	BOX-01,SET;19R8W,CB,SY-01,A,WHT,A1,AMERI	1.02	S.N.A
..2	T0081	BN96-02895A	ASSY MISC P-HANDLE PACKING;ALL MODEL,BN6	1	S.N.A
...3	M0103	BN66-00007A	LEVER-TOP;ALL MODEL,LDPE,WHITE	1	S.N.A
...3	M0102	BN66-00008A	LEVER-BOTTOM;ALL MODEL,LDPE,WHITE	1	S.N.A
0.1	M0045	BN92-02437B	ASSY ACCESSORY;LNT1953HX/XAA,White	1	S.N.A
..2	T0074	BN59-00608A	REMOCON;BordeauxPLUS19, white,NTSC,TM86,	1	S.A
..2	M0045	BN96-04847A	ASSY ACCESSORY;LNT1953HX/XAA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	AA68-00371C	MARK RECYCLE-CARD WARRANTY,06;,SEA,W/P10	1	S.N.A
...3	ACCESSORY	BN63-01798A	CLOTH-CLEAN;RE40**,CLOTH,180,200,RHCM	1	S.N.A
...3	T0511	BN68-01184A	MANUAL USERS;COMM,SAMSUNG,ENGLISH,N.Amer	1	S.N.A
...3	ACCESSORY	BN68-01185A	MANUAL FLYER-QSG;COMM,SAMSUNG,English,N.	1	S.N.A
...3	T0238	AA68-03870C	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0238	AA68-03870D	MANUAL FLYER-REGISTRATION CARD;comm,Sams	1	S.N.A
...3	T0511	AA68-03242L	MANUAL FLYER-SAFETY GUIDE;comm,Samsung,E	1	S.N.A
..2	UNIT/ACCES	BN96-04847C	ASSY ACCESSORY-WHITE;LNT1954HX/XAA	1	S.A
...3	T0524	6902-000110	BAG PE;LDPE,T0.05,W250,L400,TRP,28,2	1	S.N.A
...3	ACCESSORY	BN63-03216B	COVER-DECORATION LEFT;19R81,PC+ABS,5V,WH	1	S.N.A
...3	ACCESSORY	BN63-03217B	COVER-DECORATION RIGHT;19R81,PC+ABS,5V,W	1	S.N.A
...3	T0268	3903-000144	CBF-POWER CORD;DT,US,BP3/Y,U(IEC C13-RA)	1	S.A
..2	M0523	BN96-04960A	ASSY BRACKET P-WALL;19R81,SECC	1	S.N.A
...3	CIS	6902-000128	BAG ZIPPER;LDPE,T0.05,W200,L150,TRP,8,2-	1	S.N.A
...3	T0101	BN61-01162A	BRACKET-WALL;VE15,SECC,2.0	1	S.N.A
...3		BN68-00850G	MANUAL FLYER-WALL POSITION;COMM,SAMSUNG,	1	S.N.A
...3		BN68-00850H	MANUAL FLYER-WALL MOUNT;COMM,SAMSUNG,Eng	1	S.N.A
...3	M0132	BN96-01272A	ASSY MISC P-SCREW;VE15UO	1	S.N.A

5 Exploded View and Parts List

- You can search for updated part codes through ITSELF web site.
  URL : http://itself.sec.samsung.co.kr/

5-1 LNT1953H / LNT1954H Exploded View



5-2 LNT1953H Parts list

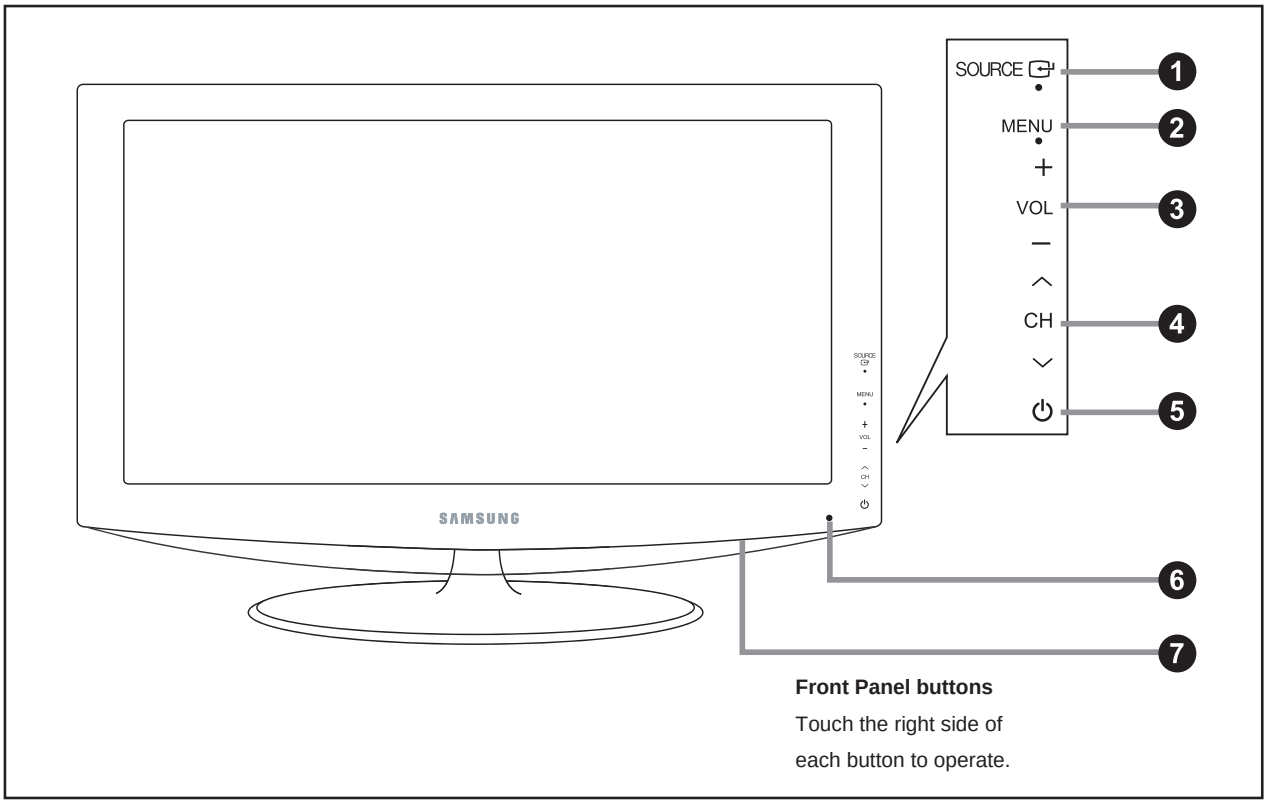
Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04792A	ASSY COVER P-FRONT;19R81,UO,PC,V0,BK27,S	1	S.A	
T0175	BN96-04760A	ASSY SPEAKER P;16¥Ø,Bordeuax plus 19,Rig	1	S.A	
M0215	BN07-00351A	LCD-PANEL;LTM190M2-L31,Haydn,6bit Hi-FRC	1	S.A	
M0014	BN94-01208C	ASSY PCB MAIN-STZ;LNT1953HX/XAA	1	S.N.A	
M0174	BN44-00152B	IP BOARD;IP-51140T,BORDEUX PLUS,3.5 ~4.5	1	S.A	
M0412	BN96-04795B	ASSY BRACKET P-PCB;BORDEAUX PLUS19,UO,SE	1	S.N.A	
T0178	BN63-03319A	SHIELD-PCB;19R8,SPTE,T0.3	1	S.N.A	
M0027	BN96-04794A	ASSY STAND P-BASE;19R81,ABS+PMMA,HB,BK23	1	S.A	
M0013	BN96-04793A	ASSY COVER P-REAR;19R81,UO,PC+ABS,V0,BK2	1	S.A	

5-3 LNT1954H Parts list

Location	Code.No	Item & Specification	Q'ty	SA/SNA	Remark
T0003	BN96-04792B	ASSY COVER P-FRONT;19R81,UO,PC,V0,WH14,S	1	S.A	
T0175	BN96-04760A	ASSY SPEAKER P;16¥Ø,Bordeuax plus 19,Rig	1	S.A	
M0215	BN07-00351A	LCD-PANEL;LTM190M2-L31,Haydn,6bit Hi-FRC	1	S.A	
M0014	BN94-01208C	ASSY PCB MAIN-STZ;LNT1953HX/XAA	1	S.N.A	
M0174	BN44-00152B	IP BOARD;IP-51140T,BORDEUX PLUS,3.5 ~4.5	1	S.A	
M0412	BN96-04795B	ASSY BRACKET P-PCB;BORDEAUX PLUS19,UO,SE	1	S.N.A	
T0178	BN63-03319A	SHIELD-PCB;19R8,SPTE,T0.3	1	S.N.A	
M0027	BN96-04794B	ASSY STAND P-BASE;19R81,ABS+PMMA,HB,WH12	1	S.A	
M0013	BN96-04793B	ASSY COVER P-REAR;19R81,UO,PC+ABS,V0,WH1	1	S.A	

10 Operating Instructions and Installation

10-1 Front



- The product color and shape may vary depending on the model.

1. SOURCE

Toggles between all the available input sources (TV, AV, S-Video, Component, PC, HDMI).
In the on-screen menu, use this button as you would use the ENTER button on the remote control.

2. MENU

Press to see an on-screen menu of your TV's features.

3. + VOL -

Press to decrease or increase the volume.
In the on-screen menu, use the **+ VOL -** buttons as you use the ◄ and ► buttons on the remote control.

4. ∧ CH ∨

Press to change channels.
In the on-screen menu, use the ∧ CH ∨ buttons as you use the ▼ and ▲ buttons on the remote control.

5. (POWER)

Press to turn the TV on and off.

POWER INDICATOR

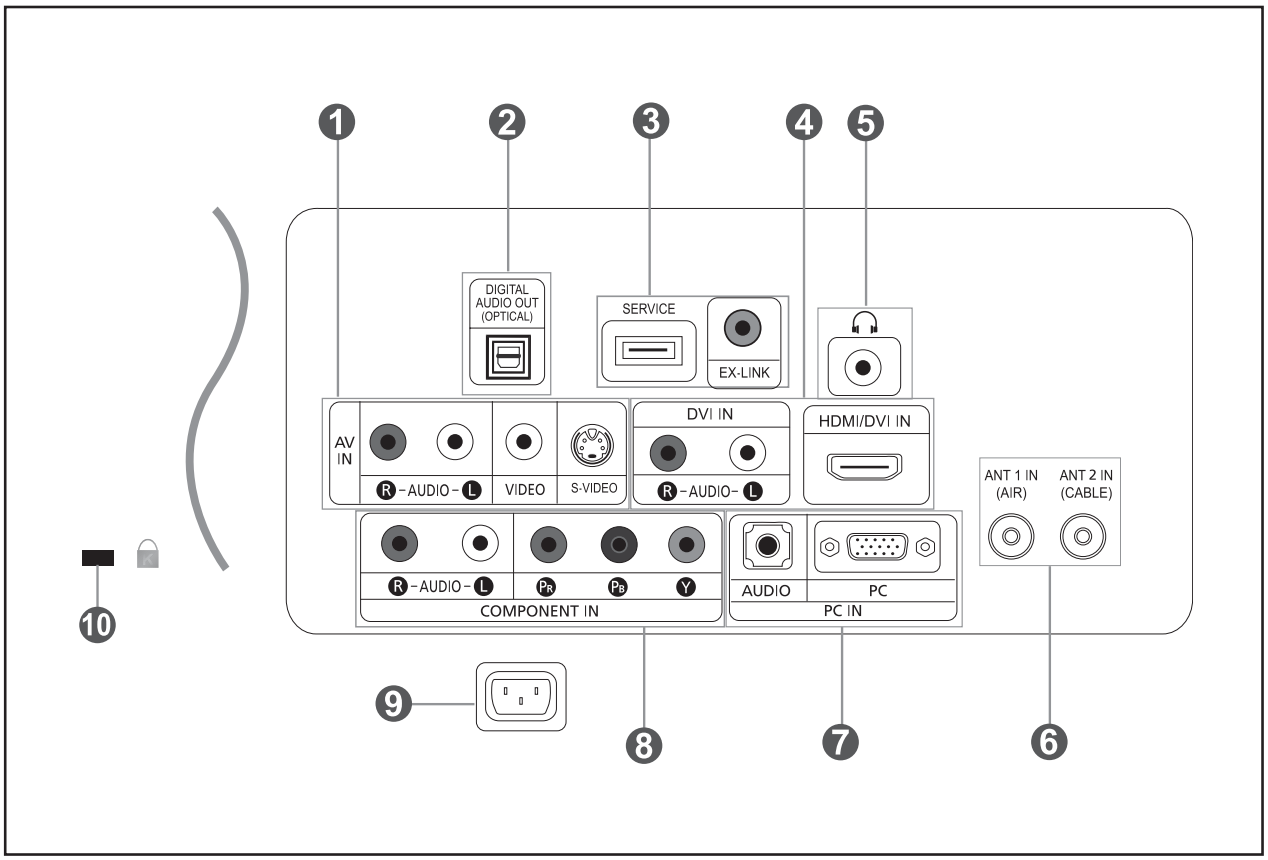
Blinks and turns off when the power is on and lights up in stand-by mode.

6. REMOTE CONTROL SENSOR

Aim the remote control towards this spot on the TV.

7. SPEAKERS

10-2 Connection Panel



1. AV IN 1

Video and audio inputs for external devices, such as a camcorder or VCR.

S-VIDEO

Connect an S-Video signal from a camcorder or VCR.

2. DIGITAL AUDIO OUT (OPTICAL)

Connect to a Digital Audio component.

3. SERVICE / EX-LINK

Connector for service only.

4. HDMI/DVI IN / DVI IN (AUDIO R/L)

Connect to the HDMI jack of a device with an HDMI output. Use the HDMI/DVI IN terminal for DVI connection to an external device.

You should use the DVI to HDMI cable or DVI-HDMI adapter (DVI to HDMI) for video connection, and the DVI IN 'R-AUDIO-L' terminal for audio.

HDMI/DVI IN terminal does not support PC.

No sound connection is needed for an HDMI to HDMI connection

5. 🎧

Connect a set of external headphones for private lis tening.

6. ANT 1 IN/ANT 2 IN

Connect to an antenna or to a cable TV system.

7. PC IN

Connect to the video and audio output jacks on your PC.

8. COMPONENT IN

Connect component video/audio.

9. POWER INPUT

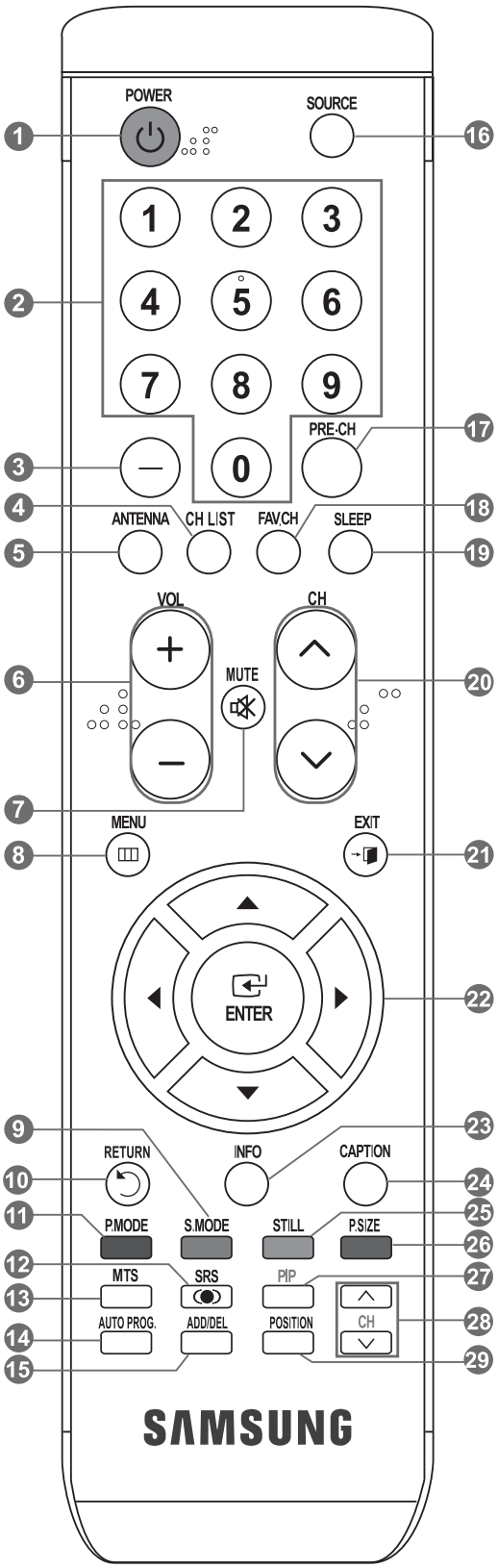
Connect the supplied power cord.

10. KENSINGTON LOCK

The Kensington lock (optional) is a device used to physically fix the system when used in a public place. If you want to use a locking device, contact the dealer where you purchased the TV.

The place of the Kensington Lock may be different depending on its model.

10-3 Remote Control

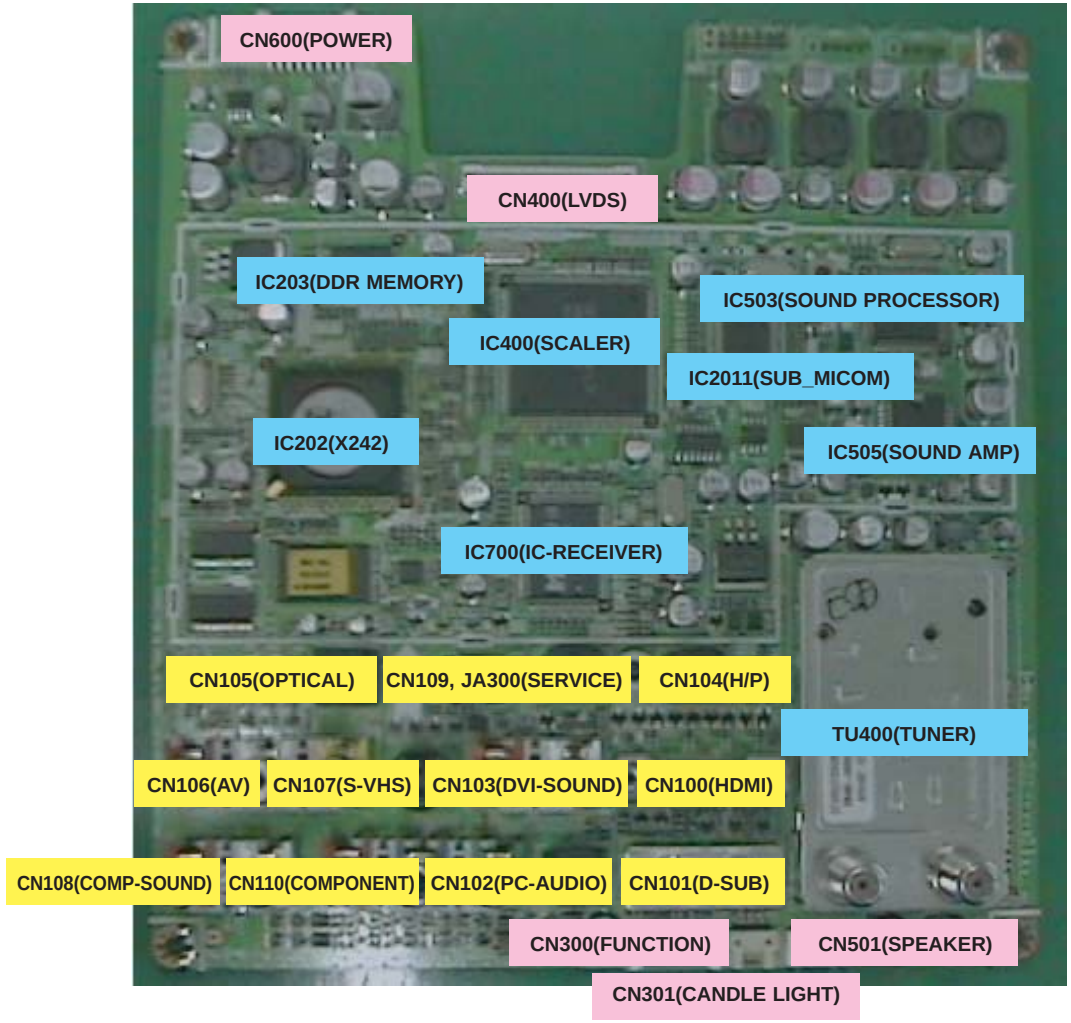


- This is a special remote control for the visually impaired, and has Braille points on the Power, Channel and Volume buttons.

1. **POWER**
   Turns the TV on and off.
2. **NUMERIC BUTTONS**
   Press to change the channel.
3. _
   Press to select additional channels (digital and analog) being broadcast by the same station. For example, to select channel "54-3", press "54", then press "-" and "3".
4. **CH LIST**
   Used to display Channel Lists on the screen.
5. **ANTENNA**
   Press to select "AIR" or "CABLE".
6. **VOL ⊕ / VOL ⊖**
   Press to increase or decrease the volume.
7. **(MUTE)**
   Press to temporarily cut off the sound.
8. **MENU**
   Displays the main on-screen menu.
9. **S.MODE**
   Sound mode selection.
10. **RETURN**
    Returns to the previous menu.
11. **P.MODE**
    Press to select the picture mode.
12. **SRS**
    Selects TruSurround XT mode.
13. **MTS**
    Press to choose stereo, mono or Separate Audio Program(SAP broadcast).
14. **AUTO PROG.**
    Press to automatically store selected TV/Cable channels.
15. **ADD/DEL**
    Use to store and delete channels to/from memory.
16. **SOURCE**
    Press to display all of the available video sources.
17. **PRE-CH**
    Turns to the previous channel.
18. **FAV.CH**
    Press to switch to your favorite channels.
19. **SLEEP**
    Press to select a preset time interval for automatic shut off.
20. **CH ⊙ / CH ⊙**
    Turns to the previous channel.
21. **EXIT**
    Press to exit the menu.
22. **UP▲ / DOWN▼ / LEFT◄ / RIGHT► / ENTER**
    Use to select on-screen menu items and change menu values.
23. **INFO**
    Use to see information on the current broadcast.
24. **CAPTION**
    Controls the caption decoder.
25. **STILL**
    Press to stop the action during a particular scene.
    Press again to resume normal video.
26. **P.SIZE**
    Picture size selection.
27. **PIP**
    Picture-in Picture ON/OFF.
28. **CH**
    Displays the available channels in sequence. (These buttons change channels in the PIP window only.)
29. **POSITION**
    Change the position of the PIP screen.

12 PCB Diagram

12-1 Main PCB Diagram



12-2 Power PCB LAYOUT 19"

1 Precautions

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1-1-1 Warnings

1. For continued safety, do not attempt to modify the circuit board.
2. Disconnect the AC power and DC power jack before servicing.

1-1-2 Servicing the LCD Monitor

1. When servicing the LCD Monitor, Disconnect the AC line cord from the AC outlet.
2. It is essential that service technicians have an accurate voltage meter available at all times. Check the calibration of this meter periodically.

1-1-3 Fire and Shock Hazard

Before returning the monitor to the user, perform the following safety checks:

1. Inspect each lead dress to make certain that the leads are not pinched or that hardware is not lodged between the chassis and other metal parts in the monitor.
2. Inspect all protective devices such as nonmetallic control knobs, insulating materials, cabinet backs, adjustment and compartment covers or shields, isolation resistor-capacitor networks, mechanical insulators, etc.
3. Leakage Current Hot Check (Figure 1-1):

   WARNING : Do not use an isolation transformer during this test.

   Use a leakage current tester or a metering system that complies with American National Standards Institute (*ANSI C101.1, Leakage Current for Appliances*), and Underwriters Laboratories (*UL Publication UL1410, 59.7*).

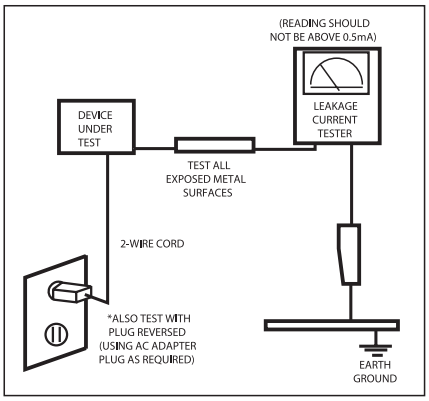


Figure 1-1. Leakage Current Test Circuit

4. With the unit completely reassembled, plug the AC line cord directly into a 120V AC outlet. With the unit's AC switch first in the ON position and then OFF, measure the current between a known earth ground (metal water pipe, conduit, etc.) and all exposed metal parts, including: metal cabinets, screwheads and control shafts. The current measured should not exceed 0.5 milliamp. Reverse the power-plug prongs in the AC outlet and repeat the test.

1-1-4 Product Safety Notices

Some electrical and mechanical parts have special safety-related characteristics which are often not evident from visual inspection. The protection they give may not be obtained by replacing them with components rated for higher voltage, wattage, etc. Parts that have special safety characteristics are identified by ⚠ on schematics and parts lists. A substitute replacement that does not have the same safety characteristics as the recommended replacement part might create shock, fire and/or other hazards. Product safety is under review continuously and new instructions are issued whenever appropriate.

1-2 Servicing Precautions

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

Caution: Before servicing units covered by this service manual, read and follow the Safety Precautions section of this manual.

Note: If unforeseen circumstances create conflict between the following servicing precautions and any of the safety precautions, always follow the safety precautions.

1-2-1 General Servicing Precautions

1. Always unplug the unit's AC power cord from the AC power source and disconnect the DC Power Jack before attempting to:
   (a) remove or reinstall any component or assembly, (b) disconnect PCB plugs or connectors, (c) connect a test component in parallel with an electrolytic capacitor.
2. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
3. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the area around the serviced part has not been damaged.
4. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels, input terminals and earphone jacks).
5. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500 V) to the blades of the AC plug.

   The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
6. Always connect a test instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Electrostatically Sensitive Devices (ESD) Precautions

Some semiconductor (solid state) devices can be easily damaged by static electricity. Such components are commonly called Electrostatically Sensitive Devices (ESD). Examples of typical ESD are integrated circuits and some field-effect transistors. The following techniques will reduce the incidence of component damage caused by static electricity.

1. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. To avoid a shock hazard, be sure to remove the wrist strap before applying power to the monitor.
2. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of an electrostatic charge.
3. Do not use freon-propelled chemicals. These can generate electrical charges sufficient to damage ESDs.
4. Use only a grounded-tip soldering iron to solder or desolder ESDs.
5. Use only an anti-static solder removal device. Some solder removal devices not classified as "anti-static" can generate electrical charges sufficient to damage ESDs.
6. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
7. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.

   Caution: Be sure no power is applied to the chassis or circuit and observe all other safety precautions.
8. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting your foot from a carpeted floor can generate enough static electricity to damage an ESD.

1-4 Installation Precautions

1. For safety reasons, more than two people are required for carrying the product.

2. Keep the power cord away from any heat emitting devices, as a melted covering may cause fire or electric shock.

3. Do not place the product in areas with poor ventilation such as a bookshelf or closet. The increased internal temperature may cause fire.

4. Otherwise, it may cause a fire or electric shock.

5. Make sure to turn the power off and unplug the power cord from the outlet before repositioning the product. Also check the antenna cable or the external connectors if they are fully unplugged. Damage to the cord may cause fire or electric shock.

6. Keep the antenna far away from any high-voltage cables and install it securely. Contact with the highvoltage cable or the antenna falling over may cause fire or electric shock.

7. When installing the product, leave enough space (10cm) between the product and the wall for ventilation purposes.
   A rise in temperature within the product may cause fire.

Memo

2 Product Specifications

2-1 Features

- RF, HDMI(DVI-D), PC(Analog), Component, Video, S-Video, DTV
- Brightness : 300cd/m^2
- Contrast Ratio : 19" : 800:1
- Response time : 5ms
- PIP (on PC only)

2-2 Specifications

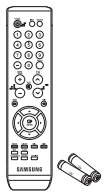
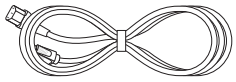
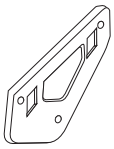
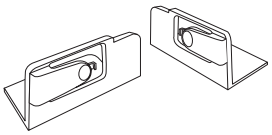
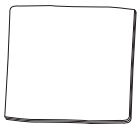
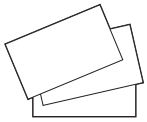
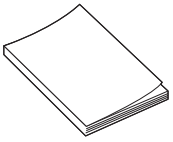
2-2-1 LNT1953HX / LNT1954HX Specifications

Item	Description	
LCD Panel	M190PW01 V0,Haydn,6bit Hi-FRC,428*278*18.5,16.7M,16:10,0.2835*0.2835,0~50,5V,TN ZBD	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ±5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	408.24mm x 255.15mm (16.07 x 10.05 inches)	
AC power voltage & Frequency	AC 110 ,60Hz	
Power Consumption	< 58 W (< 1W, standby)	
Dimensions(W x D x H) Set	428.0 x 278.0 x 18.5mm (31.5 x 3.1 x 21.3 inches) (31.5 x 9.9x 23.8 inches)	
Weight Set	11.46lbs (5.2kg) With stand / 10.35lbs (4.7kg) without stand	
Environmental Considerations	Operating Temperature : 0 °F ~ 50 °F (10°C ~ 40°C) Operating Humidity : 5 % ~ 90 % Storage Temperature : -20 °F ~ 60 °F (-20°C ~ 45°C) Storage Humidity : 8 % ~ 90 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC
	Sound	MONO, STEREO, SAP
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 3W, Left => 3W	

2-2-2 Spec Comparison

Model	LNT1953HX / LNT1954HX
Design	
Frequency Horizontal Vertical Display Color	 30 ~ 61 kHz 60 ~ 75 Hz 16,777,216 colors
PC Resolution Maximum mode	 1360 x 768 / 60 Hz
Input Signal Sync Signal Video Signal	 H/V Separate, TTL, P. or N. 0.7 Vp-p @ 75ohm
Power Consumption Normal Power Saving	 50W < 1W
Input source Difference	 HDMI
PIP	PIP (ONLY PC)
Sound	3W

2-3 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	LN-T1953H: BN59-00601A (Black) LN-T1954H: BN59-00608A (white)	
	Power Cord	3903-000085	
	Wall Mount kit	BN96-04960A	
	Decoration Cover	LN-T1953H-Left: BN63-03216A, Right: BN63-03217A (Black) LN-T1954H-Left: BN63-03216B, Right: BN63-03217B (white)	
	Cleaning Cloth	BN63-01798A	
	Warranty Card / Registration Card /Safety Guide Manual (Not available in all locations)	AA68-00371C 6801-001011	
	Owner's Instructions		

14 Reference Infomation

14-1 Technical Terms

- TFT-LCD
(Thin film Transistor Liquid Crystal Display)
ADC(Analog to Digital Converter)
This is a circuit that converts from analog signal to digital signals.

- PLL(Phase Locked Loop)
During progressing ADC, Device makes clock synchronizing HSYNC with Video clock

- Inverter
Device that supply Power to LCD panel lamp. this device gernerate about 1,500~2,000V.

- AC Adapter
Device that converts AC(90V~240V) to DC(+12V or 14V)

- SMPS(Switching Mode Power Supply)
Switching Mode Power supply. This design technology is used to step up/down the input power by switching on/off

- FRC(Frame Rate Controller)
Technology that change image frame quantity displayed on screen for one second.
Actually TFT-LCD panel requires 60pcs of frame for one second.
so,this technology is needed to convert an input image to 60 pcs regardless of its input frame quantity.

- Image Scaler
Technology that convert various input resolution to other resolution.(ex. 640* 480 to 1024*768)

- Auto Configuration(Auto adjustment)
This is an algorithm to adjust monitor to optimum condition by pushing one key.

- OSD(On Screen Display)
On screen display. customer can control the screen easily with this.

- Image Lock
This means "Fineness adjustment" in LCD Monitor, the features are "Fine" and "Coarse".

- FINE
"Fine" adjustment is used to adjust visibility by control phase difference.

- COARSE
This is a adjustment by tuning with Video colck and PLL clock.

- L.V.D.S.(Low Voltage Differential Signaling)
A kind of transmission method for Digital.
It can be used from Main PBA to Panel.

- DVI (Digital Visual Interface)
This provides a high speed digital connection for visual data types that is display technology independent. this interface is primarily forcused at providing a connection between a computer and its display device.

- T.M.D.S
(Transition minimized Differential Signaling)
a kind of transmission method for Digital.
It can be used from Video card to Main PBA.

- DDC(Display data channel)
It is a communication method between Host Computer and related equipment.
It can make it Plug and Play between PC and Monitor.

- EDID
Extended Display Identification Data PC can recognize the monitor information as Product data, Product name,Display mode,Serial number and Signal source,etc through DDC Line communicating with PC and Monitor.

- Dot Pitch
The image on a monitor is composed of red, green and blue dots. The closer the dots, the higher the resolution. The distance between two dots of the same color is called the 'Dot Pitch'. Unit: mm

- Vertical Frequency
The screen must be redrawn several times per second in order to create and display an image for the user. The frequency of this repetition per second is called Vertical Frequency or Refresh Rate. Unit: Hz
Example: If the same light repeats itself 60 times per second, this is regarded as 60 Hz.

- Horizontal Frequency
The time to scan one line connecting the right edge to the left edge of the screen horizontally is called Horizontal Cycle. The inverse number of the Horizontal Cycle is called Horizontal Frequency. Unit: kHz

- Interlace and Non-Interlace Methods
Showing the horizontal lines of the screen from the top to the bottom in order is called the Non-Interlace method while showing odd lines and then even lines in turn is called the Interlace method. The Non-Interlace method is used for the majority of monitors to ensure a clear image. The Interlace method is the same as that used in TVs.

- **Plug & Play**
This is a function that provides the best quality screen for the user by allowing the computer and the monitor to exchange information automatically. This monitor follows the international standard VESA DDC for the Plug & Play function.

- Resolution
The number of horizontal and vertical dots used to compose the screen image is called 'resolution'. This number shows the accuracy of the display. High resolution is good for performing multiple tasks as more image information can be shown on the screen.
Example: If the resolution is 1280 x 1024 , this means the screen is composed of 1280 horizontal dots (horizontal resolution) and 1024 vertical lines (vertical resolution).

- BTSC
Broadcast Television System Committee
The stereo broadcasting system that is used in most of the countries that have adopted the NTSC system, including the United States, Canada, Chile, Venezuela and Taiwan. It also refers to the organization that has been organized to promote its development and management.

- EIAJ
Electronic Industries Association of Japan.

- RF Cable
A round signal cable generally used for TV antennas.
- Satellite Broadcasting
Broadcasting service provided via satellite. Enables high picture quality and clear sound throughout the country regardless of the location of the viewer.

- Sound Balance
Balances the levels of the sound coming from each speaker in televisions with two speakers.

- Cable TV

Whereas the terrestrial broadcasting is delivered via frequency signals through the air, cable broadcasting is transmitted via a cable network. In order to view cable TV, one must purchase a cable receiver and hook it up to the cable network.

- CATV

"CATV" refers to the broadcasting service offered at hotels, schools and other buildings through their own broadcasting system, apart from VHF or UHF broadcasting by terrestrial broadcasters. The CATV programs may include movies, entertainment and educational programs. (Different from cable TV.)

CATV can be viewed only within the area in which the CATV service is offered.

- S-Video

Short for "Super Video." S-Video allows up to 800 lines of horizontal resolution, enabling high-quality video.

- VHF/UHF

VHF indicates TV channels 2 to 13, and UHF indicates channels 14 through 69.

- Channel Fine Tuning

This feature allows the viewer to fine-tune the TV channel to obtain the best viewing conditions. The Samsung LCD TV has both automatic and manual channel fine-tuning features to enable the viewer to adjust their desired settings.

- External Device Input

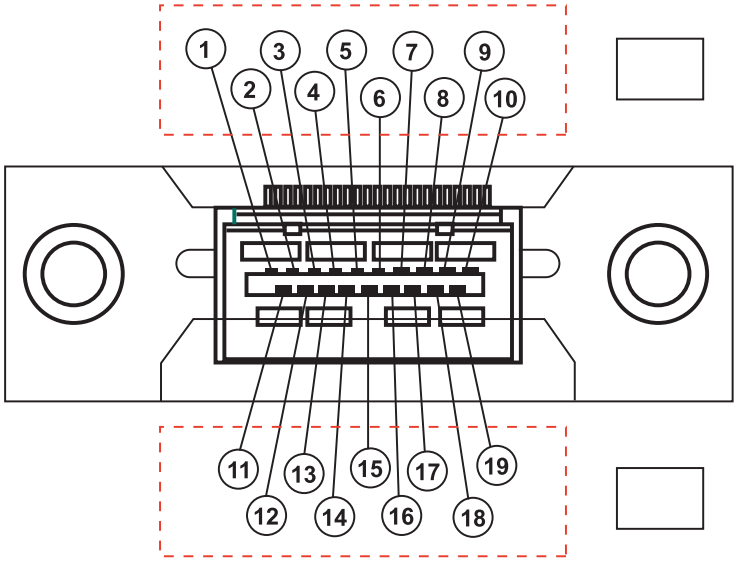
External device input refers to video input from such external video devices as VCRs, camcorders and DVD players, separate from a TV broadcast.

14-2 Pin Assignments

14-2-1 HDMI

PIN	Signal Assignment
1	TMDS Data2+
3	TMDS Data2-
5	TMDS Data1 Shield
7	TMDS Data0+
9	TMDS Data0-
11	TMDS Clock Shield
14	CEC
15	SCL
17	DDC/CEC Ground
19	Hot Plug Detect

PIN	Signal Assignment
2	TMDS Data2 Shield
4	TMDS Data1+
6	TMDS Data1-
8	TMDS Data0 Shield
10	TMDS Clock+
12	TMDS Clock-
14	Reserved (N.C.on device)
16	SDA
18	+5V Power



14-2-2 Component 1, 2

RCA Green	Y
	GND
RCA Blue	Pb (Cb)
	GND
RCA Red	Pr (Cr)
	GND
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

14-2-3 S-Video

Pin	Separate
1	GND
2	Y
3	C
4	GND
5	GND

14-2-4 A/V 1,2

RCA Yellow	CVBS
RCA White	Audio L
	GND
RCA Red	Audio R
	GND

14-2-5 D-SUB

Pin	Separate
1	Red
2	Green
3	Blue
4	GND
5	GND
6	GND Red
7	GND Green
8	GND Blue
9	DDC Input power(+5V)
10	IDENT PC
11	GND
12	DDC Data(SDA)
13	H SYNC
14	V SYNC
15	DDC Clock(SCL)

14-2-6 PC Display mode

Both screen position and size will vary depending on the type of PC monitor and its resolution.

The resolutions in the table are recommended. (All resolutions between the supported limits are supported)

Mode	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Pixel Clock Frequency (MHz)	Sync Polarity (H/V)
IBM	640 x 480	31.469	59.940	25.175	- / -
	720 x 400	31.469	70.087	28.322	- / +
VESA	640 x 480	37.861	72.809	31.500	- / -
	640 x 480	37.500	75.000	31.500	- / -
	800 x 600	37.879	60.317	40.000	+ /+
	800 x 600	48.077	72.188	50.000	+ /+
	800 x 600	46.875	75.000	49.500	+ /+
	1024 x 768	48.364	60.000	65.000	- / -
	1024 x 768	56.476	70.069	75.000	- / -
	1024 x 768	60.023	75.029	78.750	+ /+
	1360 x 768	47.712	60.015	85.800	+ /+

- The interlace mode is not supported.

- The set might operate abnormally if a non-standard video format is selected.

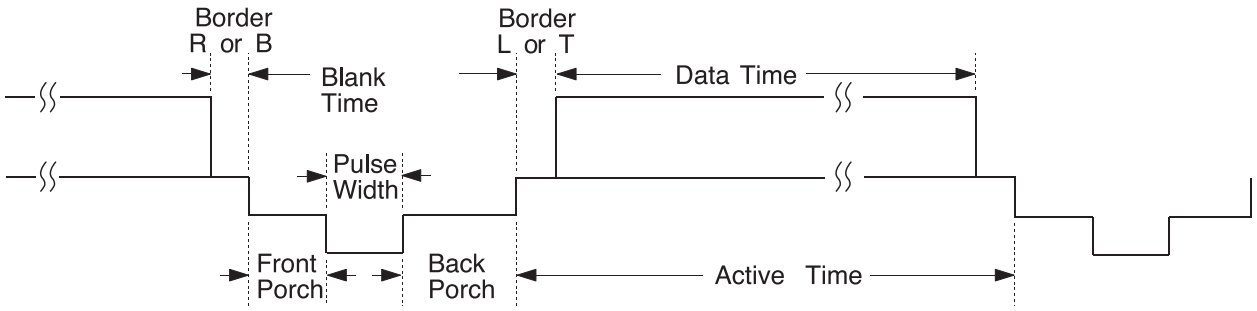
- DVI dose not support PC function.

14-3 Timing Chart

This section of the service manual describes the timing that the computer industry recognizes as standard for computer-generated video signals.

14-3-1 LCD Panel Mode1 mode

Timing No.	LTA400W2
Originator	VESA
Mode Name	1366/60Hz
Resolution (HxV)	1366x768
HORIZONTAL	
Frequency	47.712kHz
Total time	20.959μs
Activetime	15.906μs
Blank time	5.053μs
Border(L / R)	0.000μs
Data time	15.906μs
Front porch	0.749μs
Sync. width	1.702μs
Back porch	2.994μs
Sync. polarity	Positive
VERTICAL	
Frequency	60.015Hz
Total time	16.662 ms
Active time	16.097ms
Blank time	0.566 ms
Border(T / B)	0.000 ms
Data time	16.097ms
Front porch	0.063 ms
Sync. width	0.105 ms
Back porch	0.377ms
Sync polarity	Positive
Dot Clock	85.500MHz
Sync. Type	Separate
Scan Type*	N/I



14-3-2 Supported Modes (1)

Timing No.	2	3	11	17	32
Originator	IBM	IBM	VESA	VESA	MAC
Mode Name	VGA2	VGA3	640/72Hz	640/75Hz	640/67Hz
Resolution (HxV)	720x400	640x480	640x480	640x480	640x480
HORIZONTAL					
Frequency	31.469kHz	31.469kHz	37.861kHz	37.500kHz	35.000kHz
Total time	31.777μs	31.778μs	26.413μs	26.667μs	28.571μs
Activetime	26.058μs	26.058μs	20.825μs	20.317μs	21.164μs
Blank time	5.720μs	5.720μs	5.588μs	6.350μs	7.407μs
Border(L / R)	0.318μs	0.318μs	0.254μs	0.000μs	0.000μs
Data time	25.422μs	25.422μs	20.317μs	20.317μs	21.164μs
Front porch	0.318μs	0.318μs	0.508μs	0.508μs	2.116μs
Sync. width	3.813μs	3.813μs	1.270μs	2.032μs	2.116μs
Back porch	1.589μs	1.589μs	3.810μs	3.810μs	3.175μs
Sync. polarity	Negative	Negative	Negative	Negative	Negative
VERTICAL					
Frequency	70.087Hz	59.940Hz	72.809Hz	75.000Hz	66.667Hz
Total time	14.268ms	16.683ms	13.735ms	13.333ms	15.000ms
Active time	13.155ms	15.761ms	13.100ms	12.800ms	13.714ms
Blank time	1.113ms	0.922ms	0.635ms	0.533ms	1.286ms
Border(T/B)	0.222ms	0.254ms	0.211ms	0.000ms	0.000ms
Data time	12.711ms	15.253ms	12.678ms	12.800ms	13.714ms
Front porch	0.191ms	0.064ms	0.026ms	0.027ms	0.086ms
Sync. width	0.064ms	0.064ms	0.079ms	0.080ms	0.086ms
Back porch	0.858ms	0.794ms	0.528ms	0.427ms	1.114ms
Sync polarity	Positive	Negative	Negative	Negative	Negative
Dot Clock	28.322MHz	25.175MHz	31.500MHz	31.500MHz	30.240MHz
Sync. Type	Separate	Separate	Separate	Separate	Separate
Scan Type*	N/I	N/I	N/I	N/I	N/I

14-3-3 Supported Modes (2)

Timing No.	13	14	18
Originator	VESA	VESA	VESA
Mode Name	800/60Hz	800/72Hz	800/75Hz
Resolution (HxV)	800x600	800x600	800x600
HORIZONTAL			
Frequency	37.879kHz	48.077kHz	46.875kHz
Total time	26.400μs	20.800μs	21.333 μs
Activetime	20.000μs	16.000μs	16.162 μs
Blank time	6.400 μs	4.800 μs	5.171 μs
Border(L / R)	0.000 μs	0.000 μs	0.000 μs
Data time	20.000μs	16.000μs	16.162 μs
Front porch	1.000 μs	1.120 μs	0.323 μs
Sync. width	3.200 μs	2.400 μs	1.616 μs
Back porch	2.200 μs	1.280 μs	3.232 μs
Sync. polarity	Positive	Positive	Positive
VERTICAL			
Frequency	60.317Hz	72.188Hz	75.000Hz
Total time	16.579ms	13.853ms	13.333ms
Active time	15.840ms	12.480ms	12.800ms
Blank time	0.739ms	1.373ms	0.533ms
Border(T/B)	0.000ms	0.000ms	0.000ms
Data time	15.840ms	12.480ms	12.800ms
Front porch	0.026ms	0.770ms	0.021ms
Sync. width	0.106ms	0.125ms	0.064ms
Back porch	0.607ms	0.478ms	0.448ms
Sync polarity	Positive	Positive	Positive
Dot Clock	40.000MHz	50.000MHz	49.500MHz
Sync. Type	Separate	Separate	Separate
Scan Type*	N/I	N/I	N/I

14-3-4 Supported Modes (3)

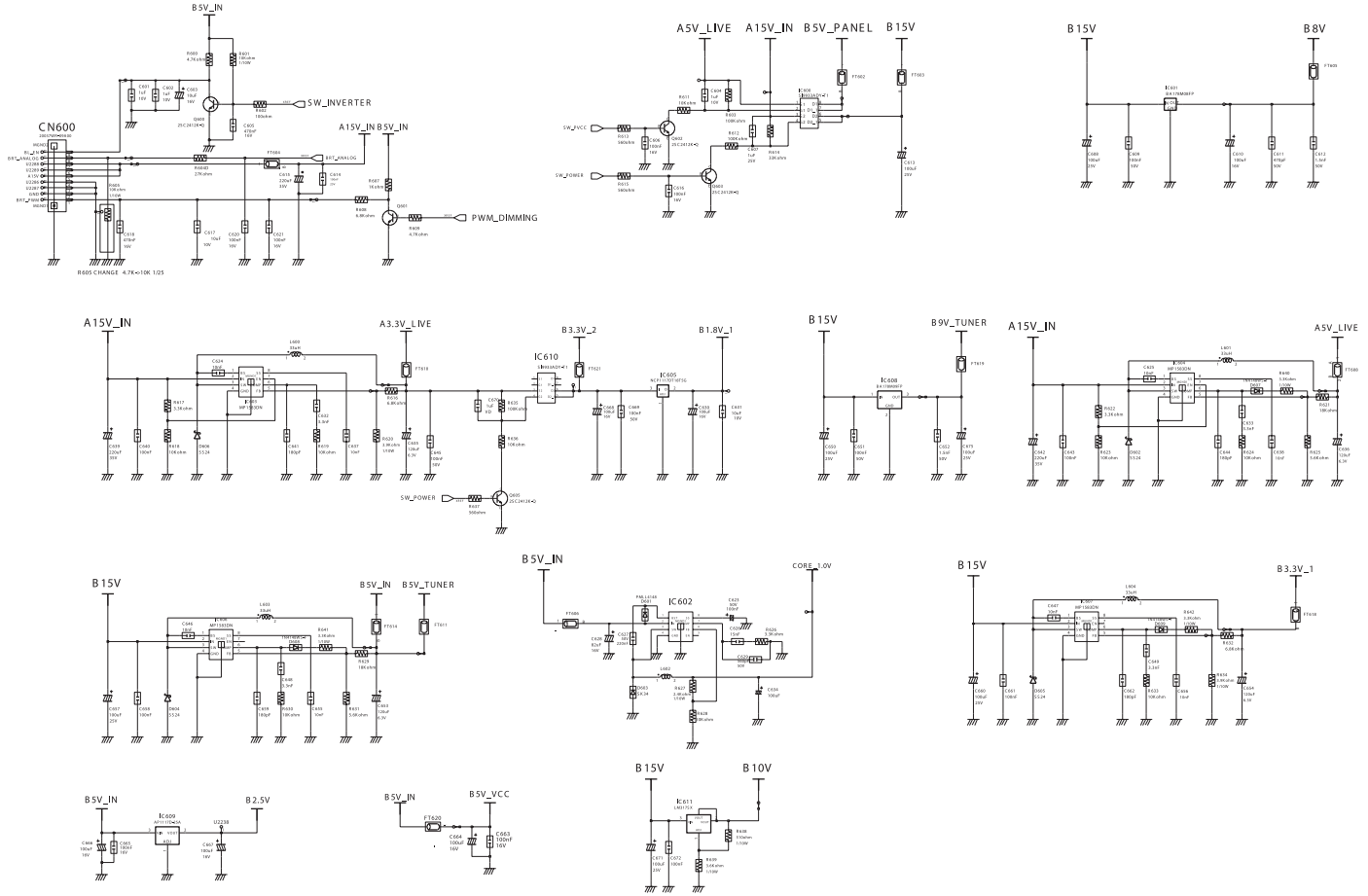
Timing No.	15	16	19	
Originator	VESA	VESA	VESA	VESA
Mode Name	1024/60Hz	1024/70Hz	1024/75Hz	1360/60Hz
Resolution (HxV)	1024x768	1024x768	1024x768	1360x768
HORIZONTAL				
Frequency	48.363kHz	56.476kHz	60.023kHz	47.712kHz
Total time	20.677μs	17.707μs	16.660μs	20.959μs
Activetime	15.754μs	13.653μs	13.003μs	15.906μs
Blank time	4.923μs	4.053 μs	3.777 μs	5.053μs
Border(L / R)	0.000μs	0.000μs	0.000μs	0.000μs
Data time	15.754μs	13.653μs	13.003μs	15.906μs
Front porch	0.369μs	0.320μs	0.323μs	0.749μs
Sync. width	2.092μs	1.813μs	1.219μs	1.702μs
Back porch	2.462μs	1.920μs	2.235μs	2.994μs
Sync. polarity	Negative	Negative	Positive	Positive
VERTICAL				
Frequency	60.004Hz	70.069Hz	75.029Hz	60.015Hz
Total time	16.666ms	14.272ms	13.328ms	16.662 ms
Active time	15.880ms	13.599ms	12.795ms	16.097ms
Blank time	0.786ms	0.672ms	0.533ms	0.566 ms
Border(T/B)	0.000ms	0.000ms	0.000ms	0.000 ms
Data time	15.880ms	13.599ms	12.795ms	16.097ms
Front porch	0.062ms	0.053ms	0.017ms	0.063 ms
Sync. width	0.124ms	0.106ms	0.050ms	0.105 ms
Back porch	0.600ms	0.513ms	0.466ms	0.377ms
Sync polarity	Negative	Negative	Positive	Positive
Dot Clock	65.000MHz	75.000MHz	78.750MHz	85.500MHz
Sync. Type	Separate	Separate	Separate	Separate
Scan Type*	N/I	N/I	N/I	N/I

Memo

9 Schematic Diagrams

- This Document can not be used without Samsung s authorization.

9-1 POWER Schematic Diagram



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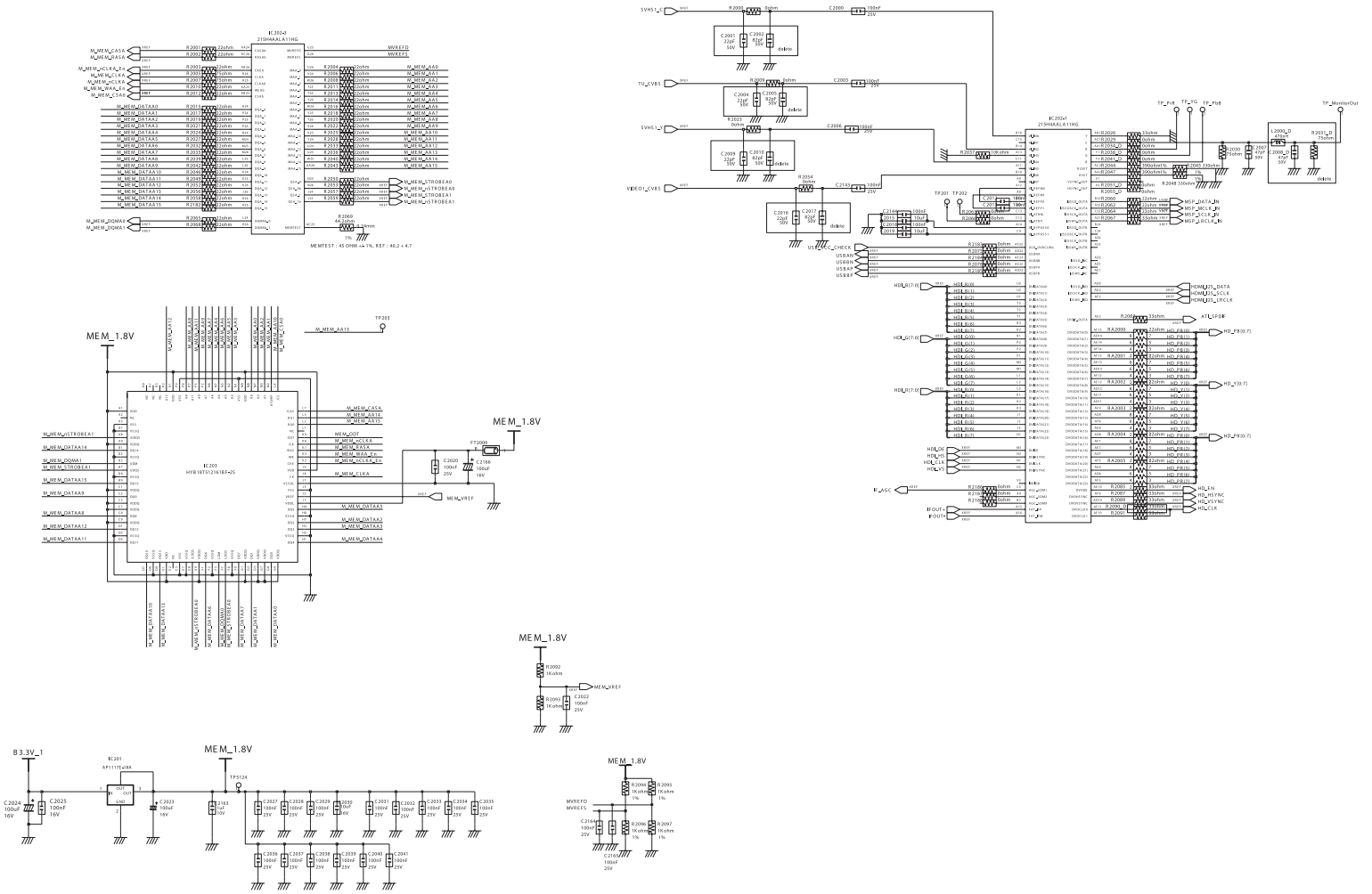
9-2 X242 IN OUT MEMORY Schematic Diagram



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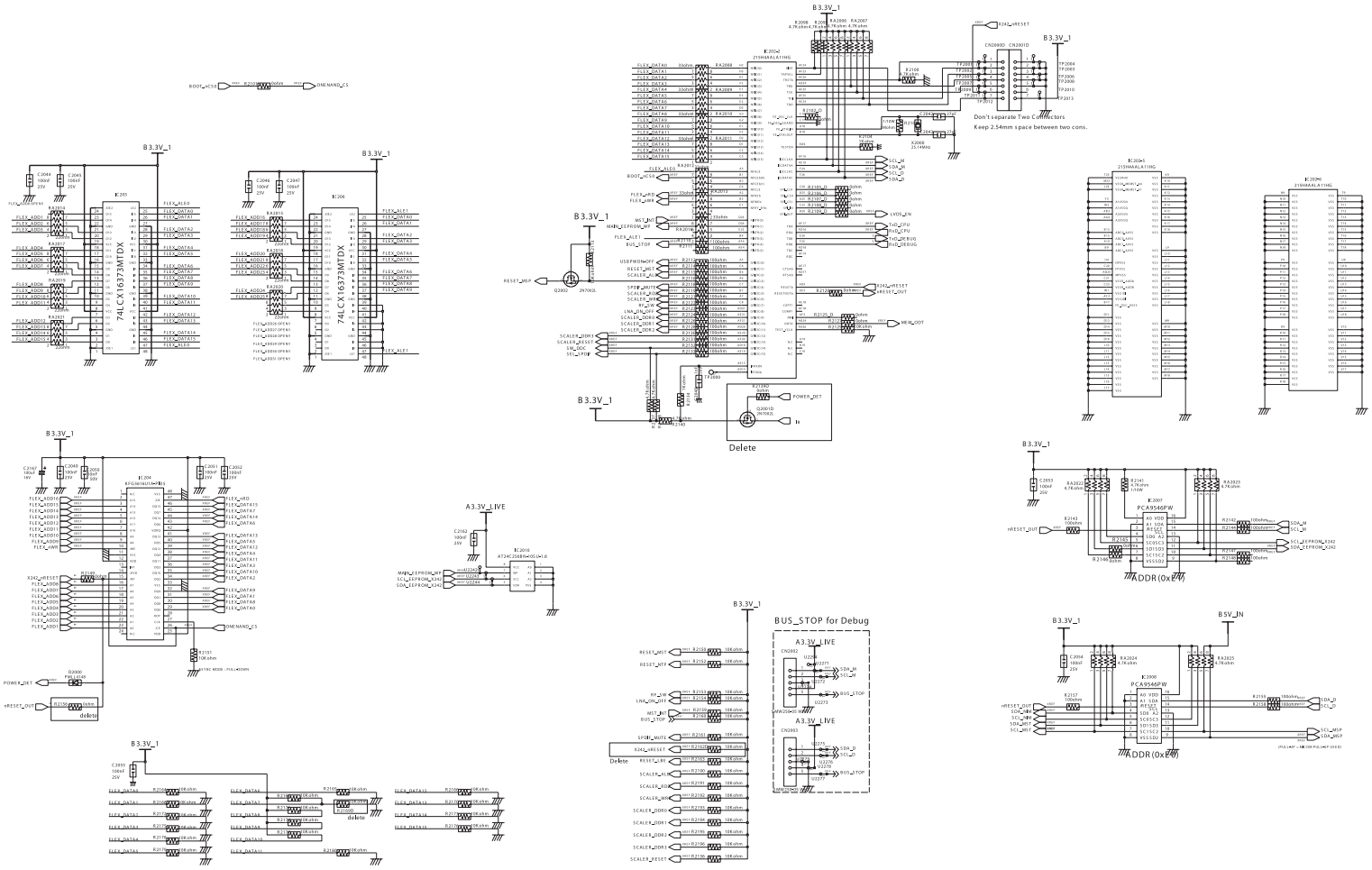
9-3 FLEX BUS_PCI_FLASH Schematic Diagram



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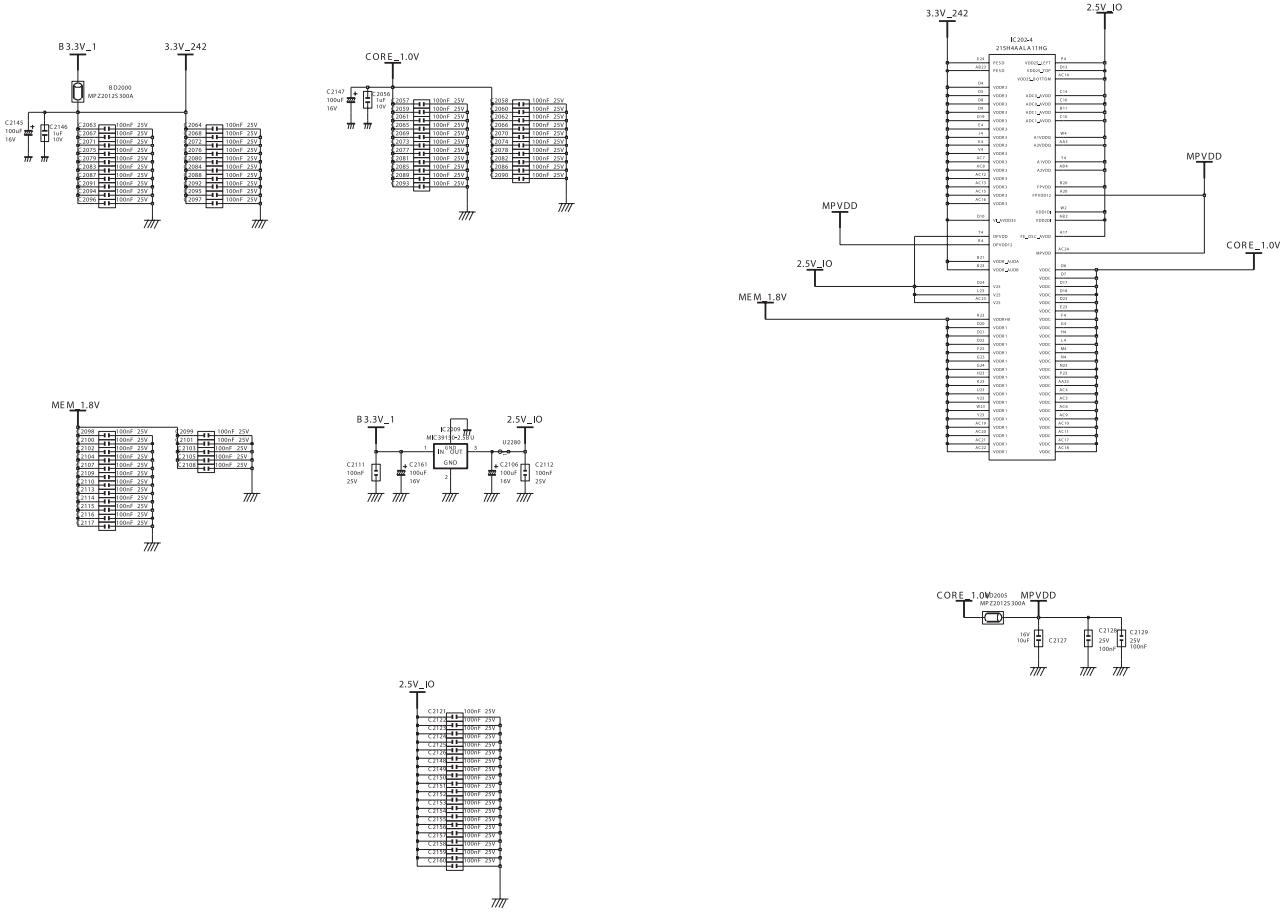
9-4 X242 POWER Schematic Diagram



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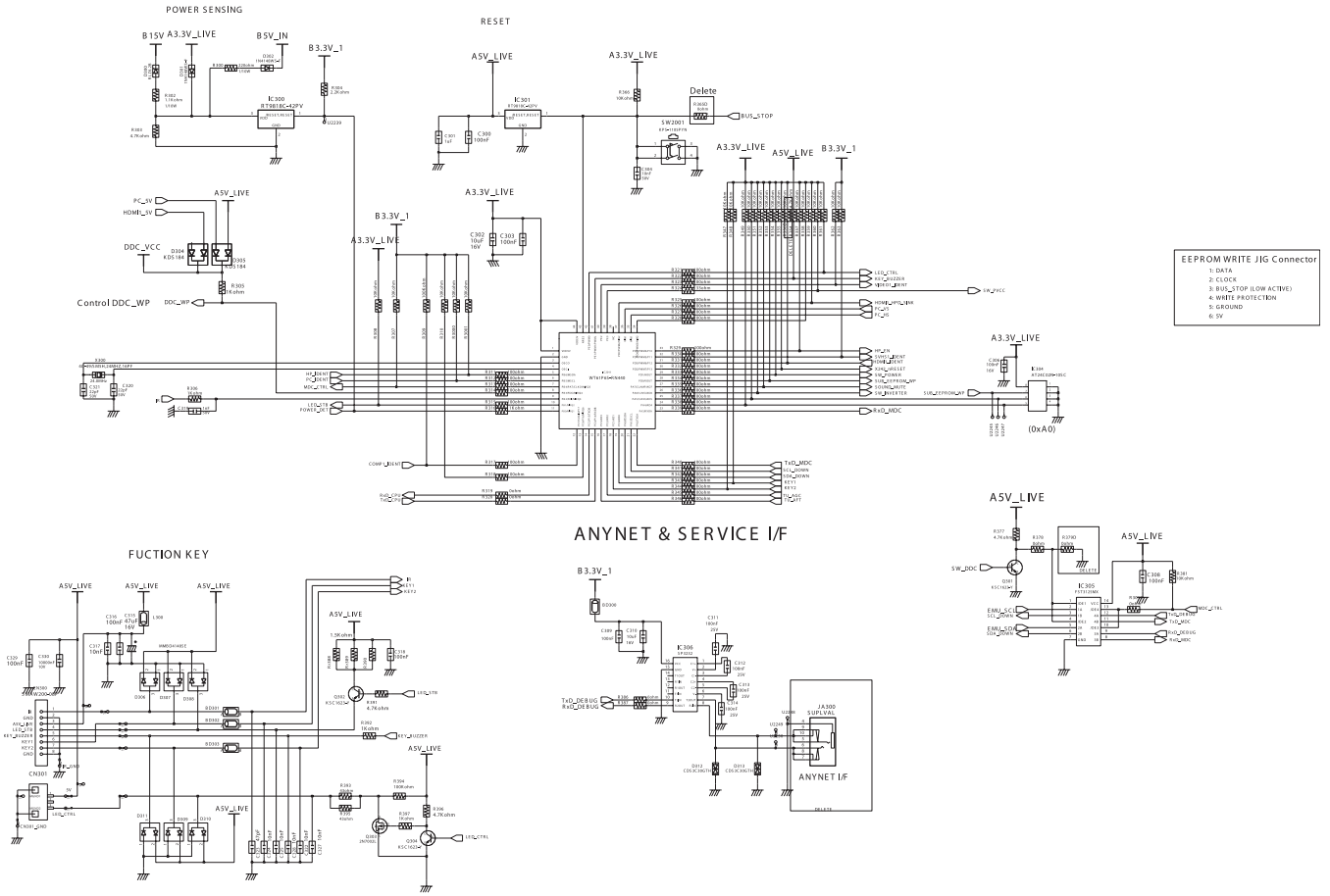
9-5 STANDBY MICOM Schematic Diagram



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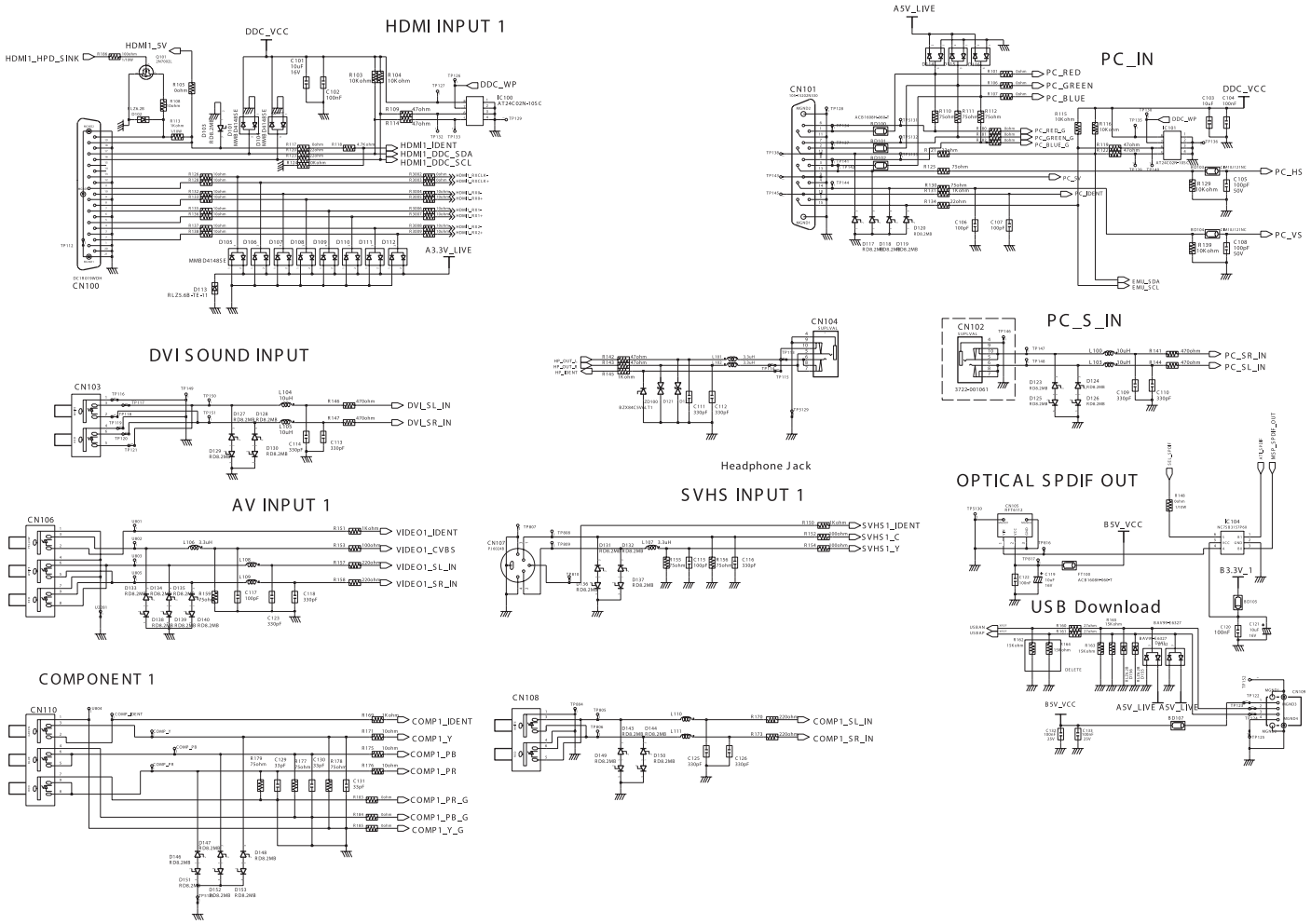
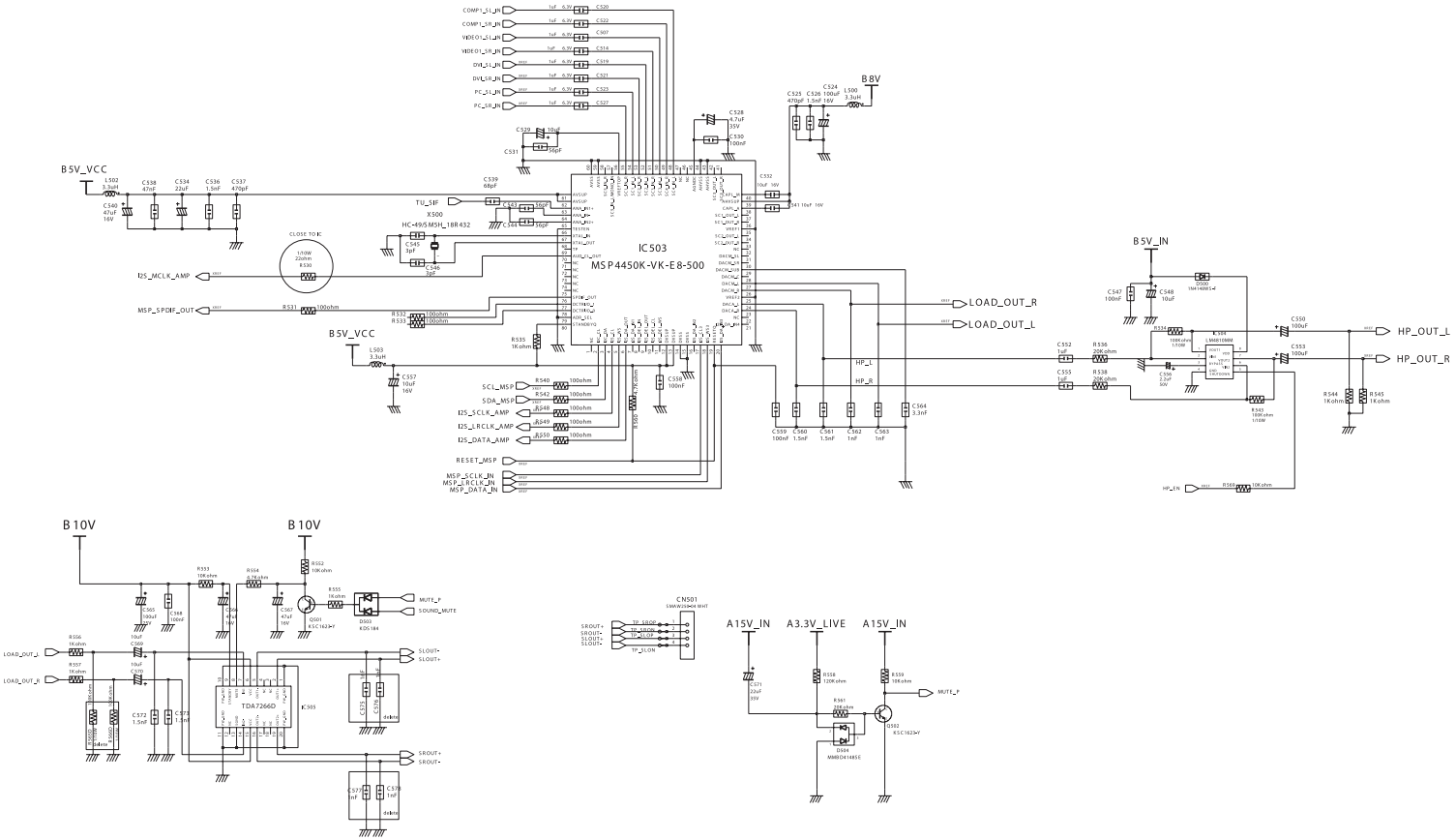
9-6 JACK INPUT Schematic Diagram



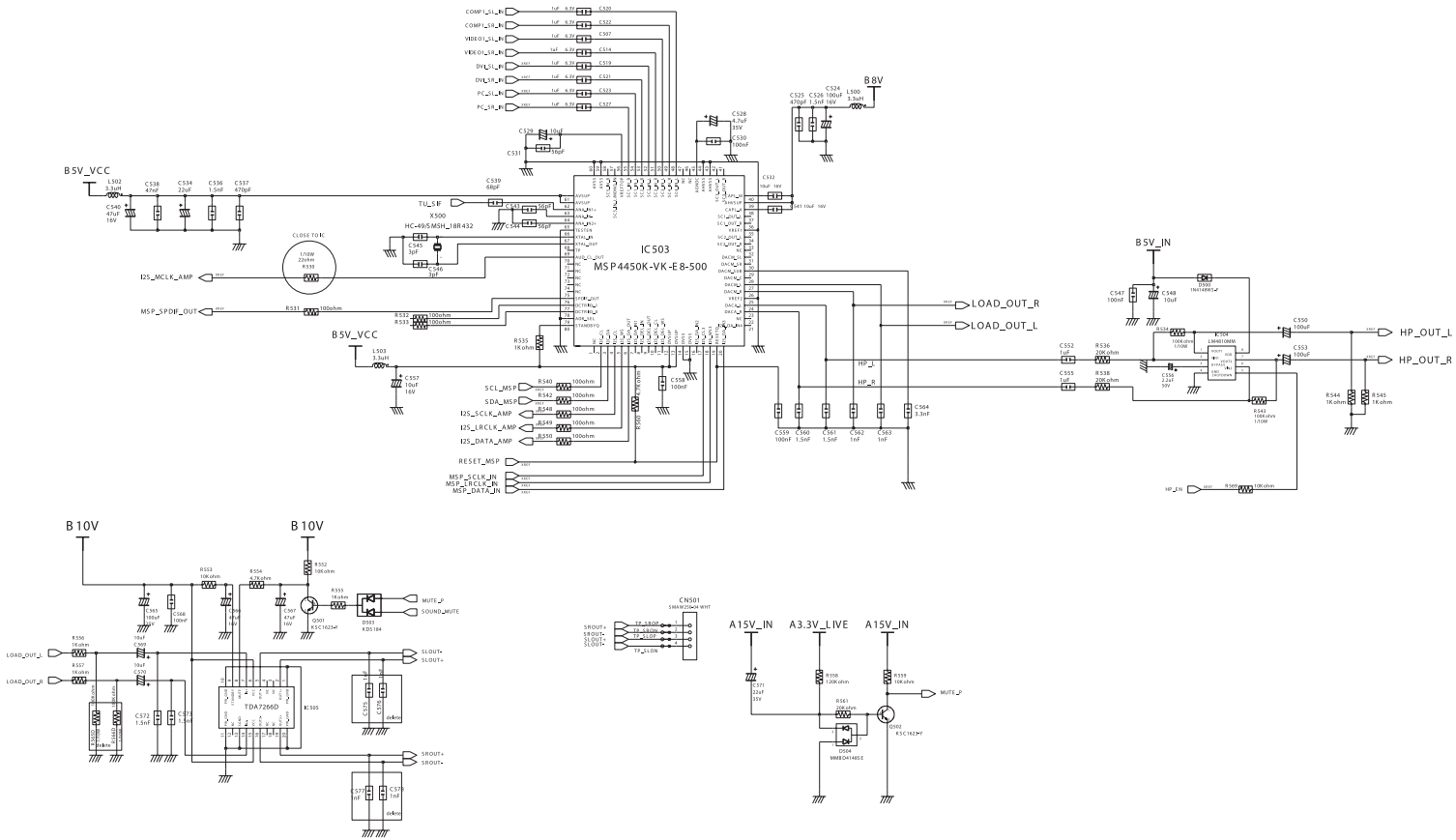
- This Document can not be used without Samsung s authorization.

9-7 MSP4450K Schematic Diagram



- This Document can not be used without Samsung s authorization.

9-8 MSP4450K Schematic Diagram



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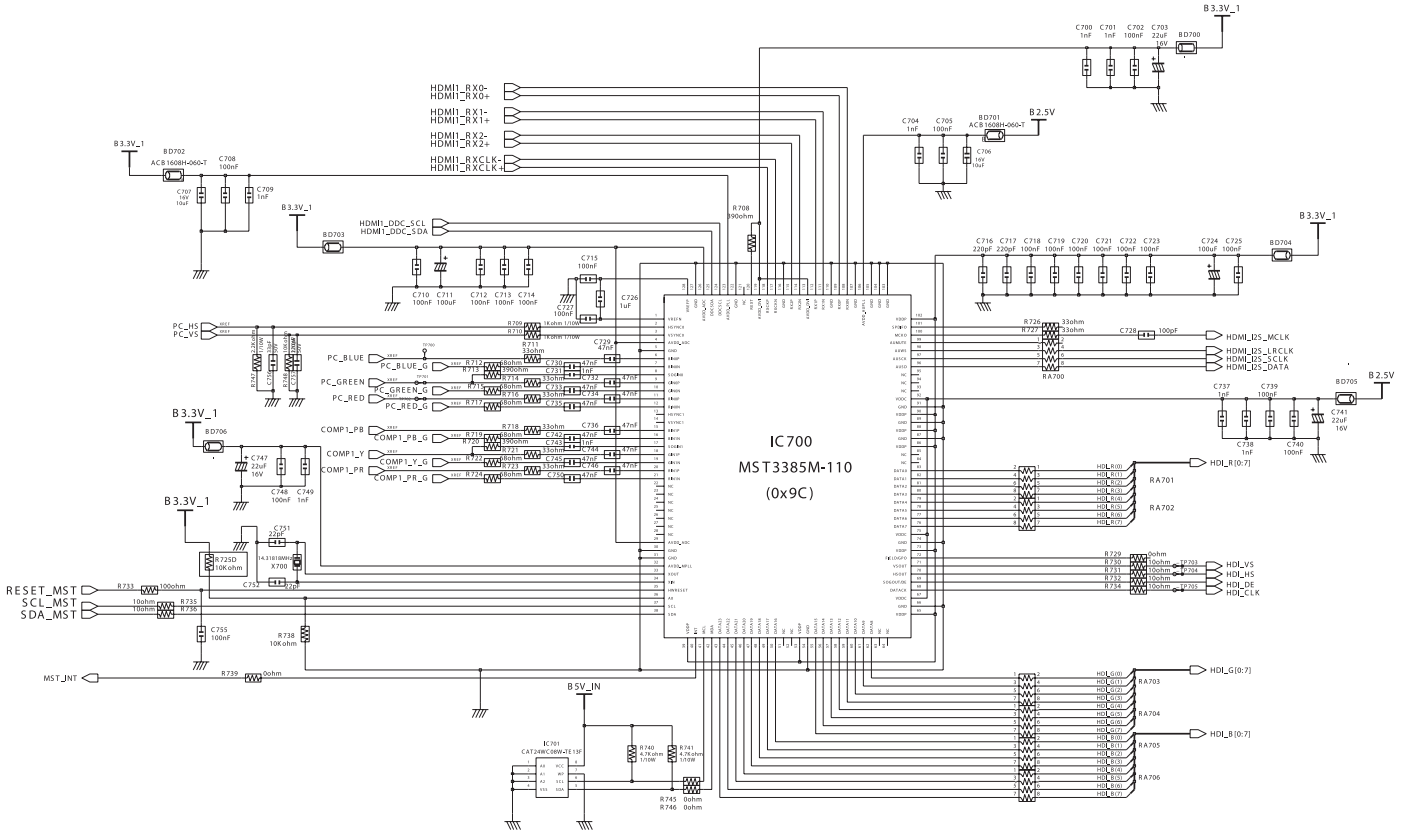
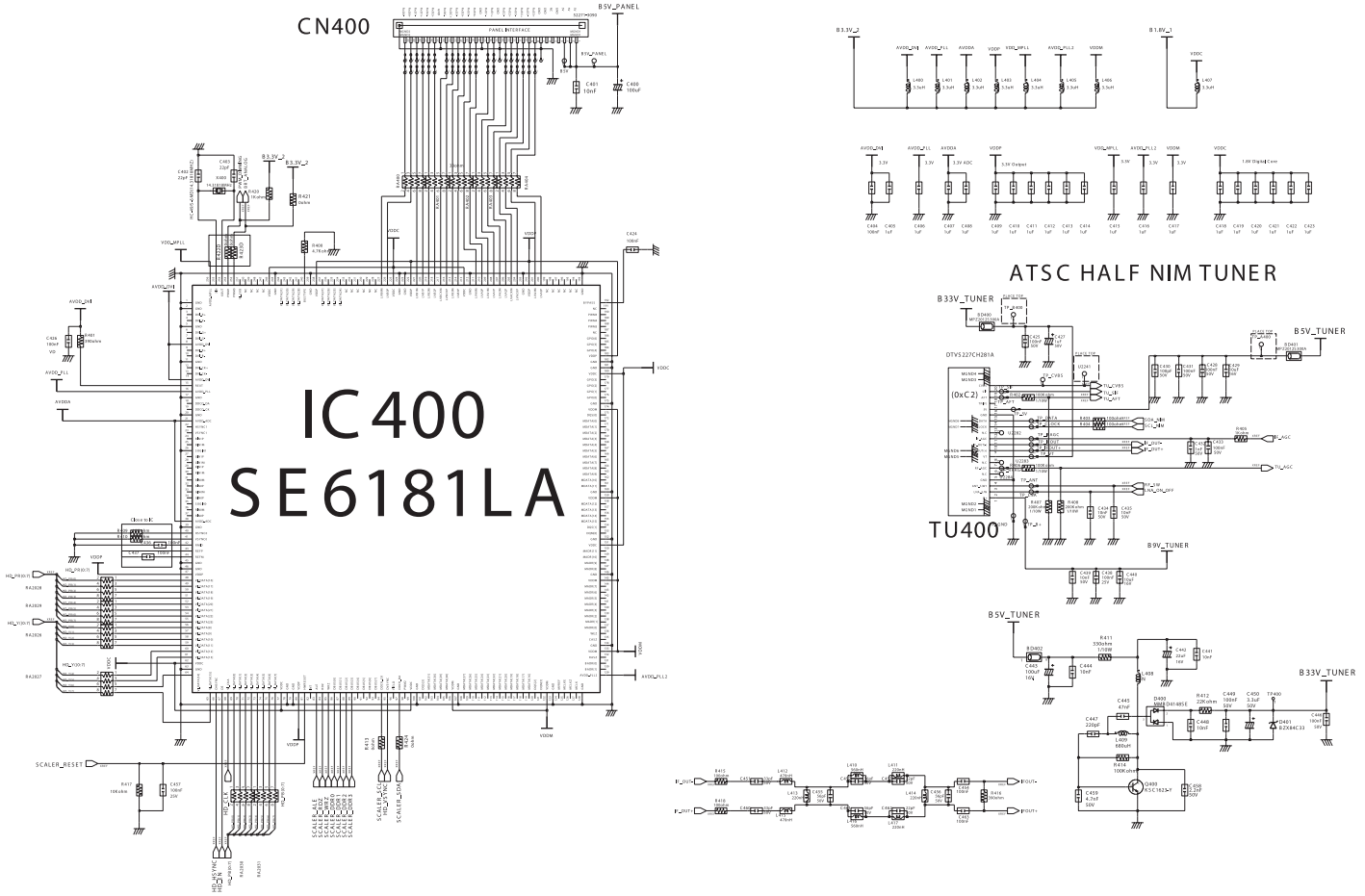
9-9 MST3385M Schmetic Diagram

ADC + HDMI[MST3389]



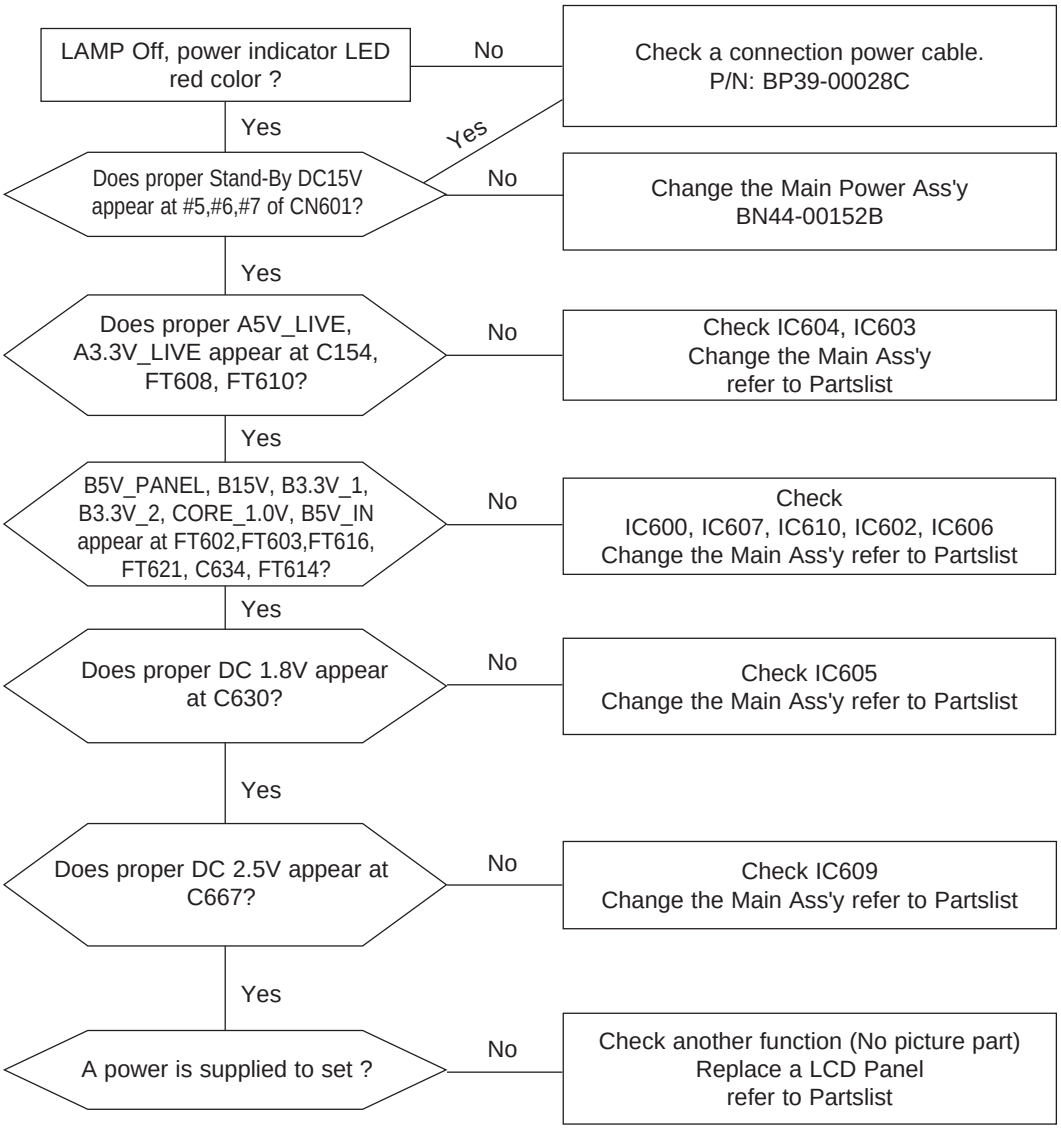
- This Document can not be used without Samsung s authorization.

9-10 SCALER & TUNER Schematic Diagram

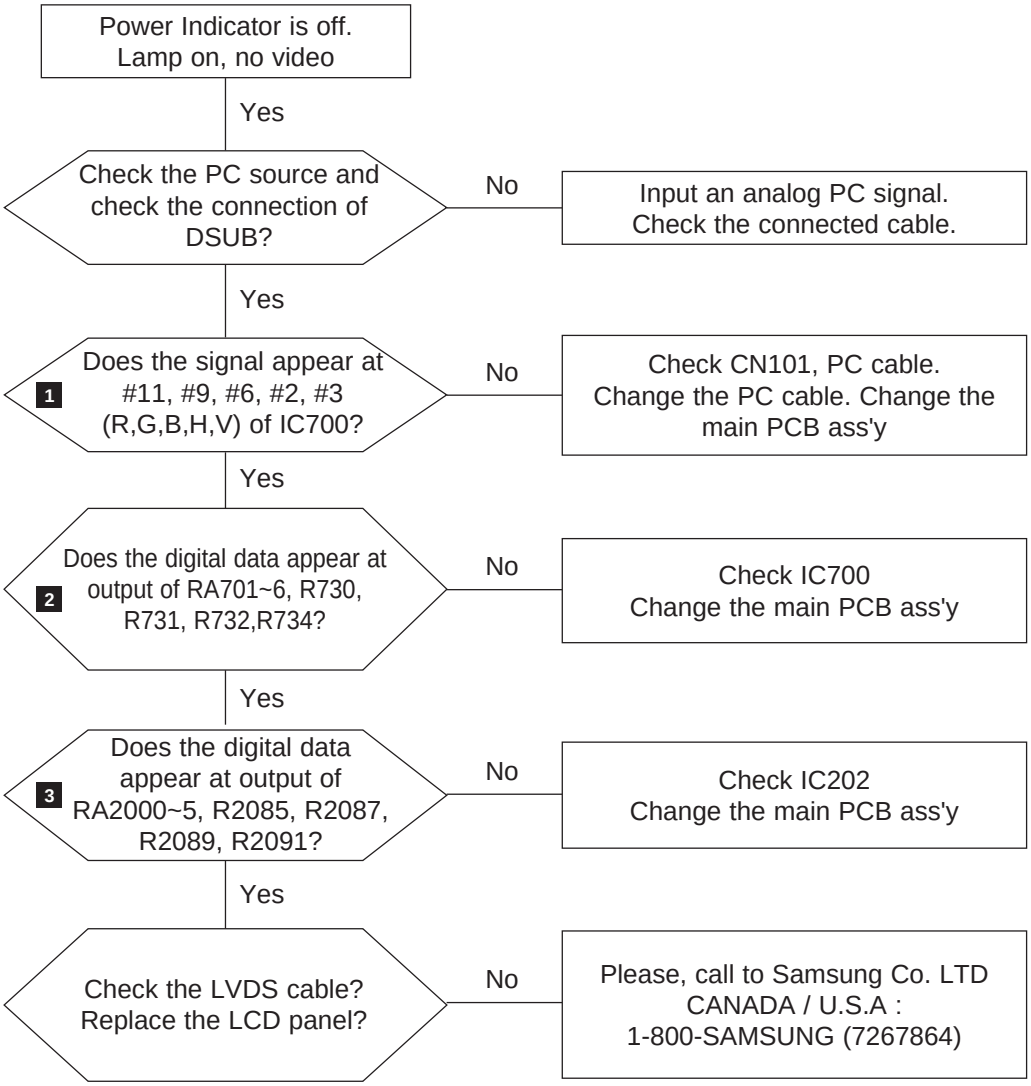


4 Troubleshooting

4-1 No Power

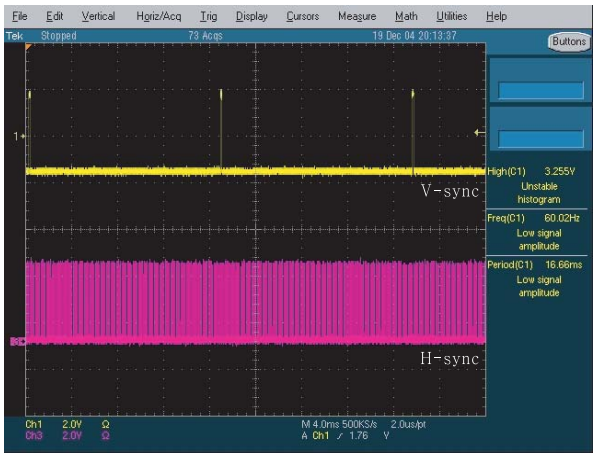


4-2 No Video (Analog PC Signal)



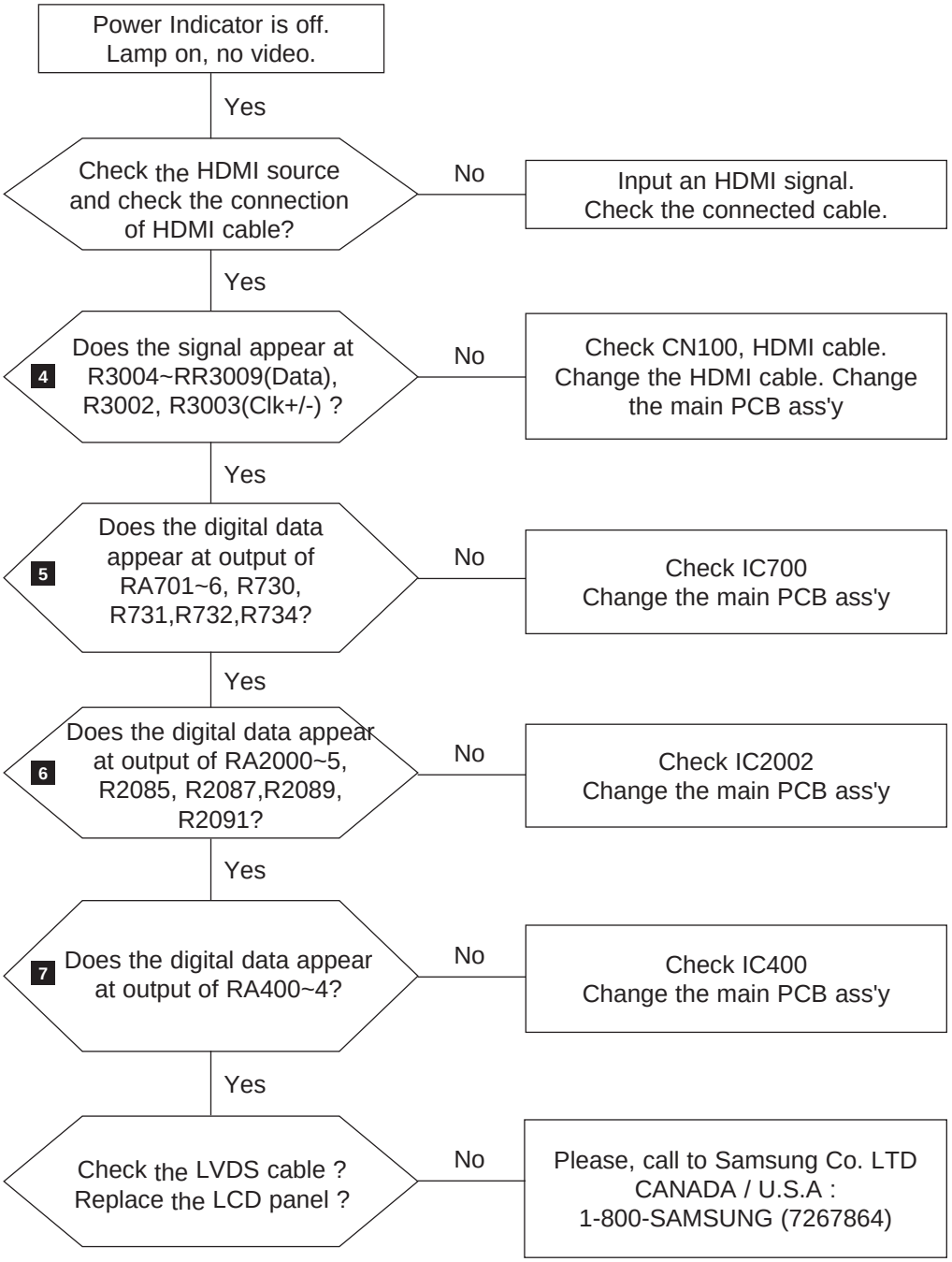
WAVEFORMS

1 2 PC Input (V-Sync, H-Sync)



3 LVDS Out (CLK + / -)

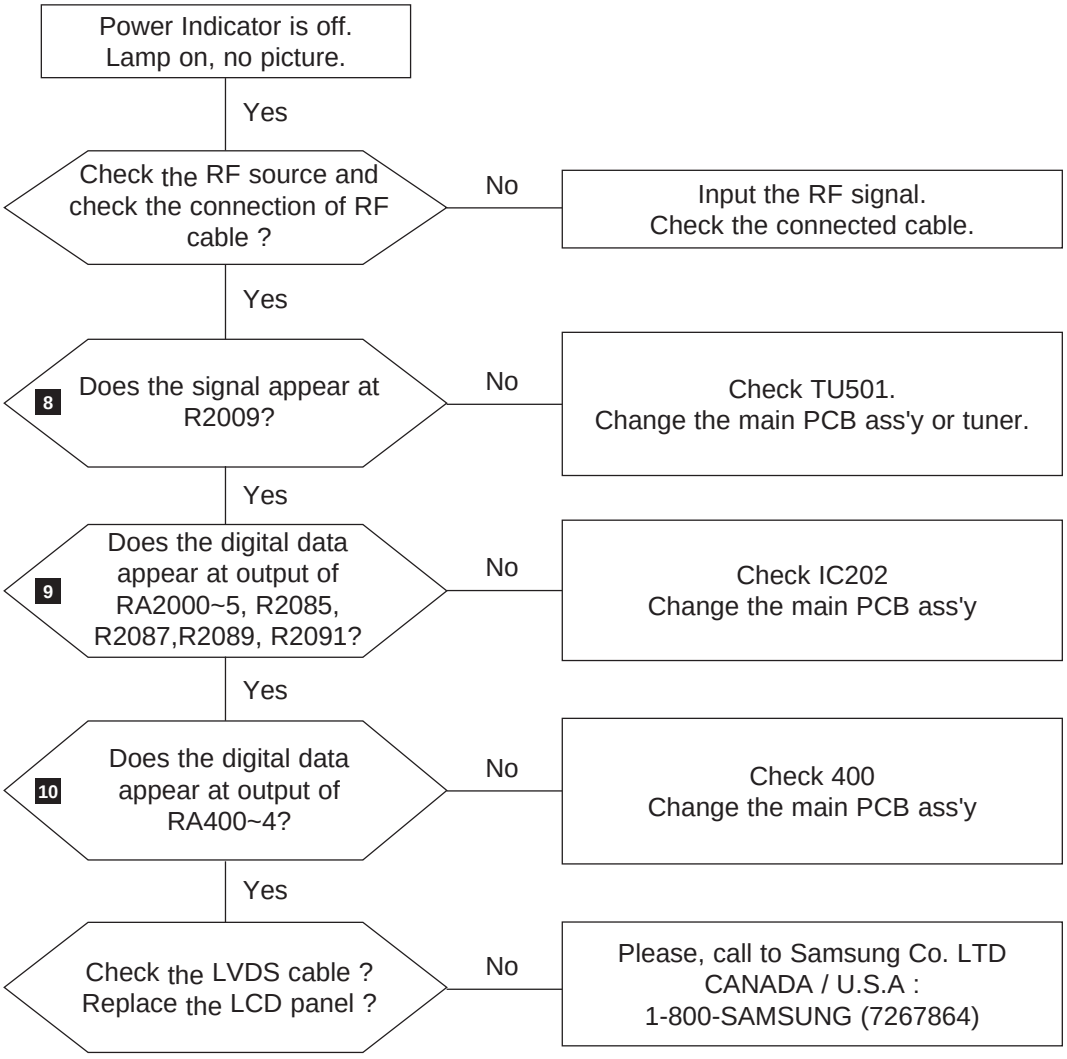
4-3 No Video (HDMI - Digital Signal)



WAVEFORMS

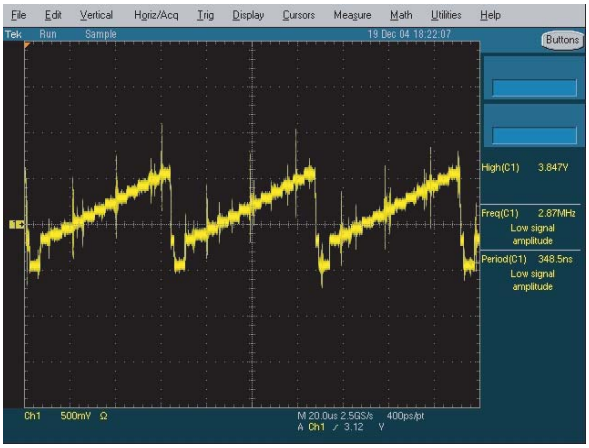
4 5 HDMI Input (CLK + / -)

4-4 No Picture (Tuner_CVBS & DTV)

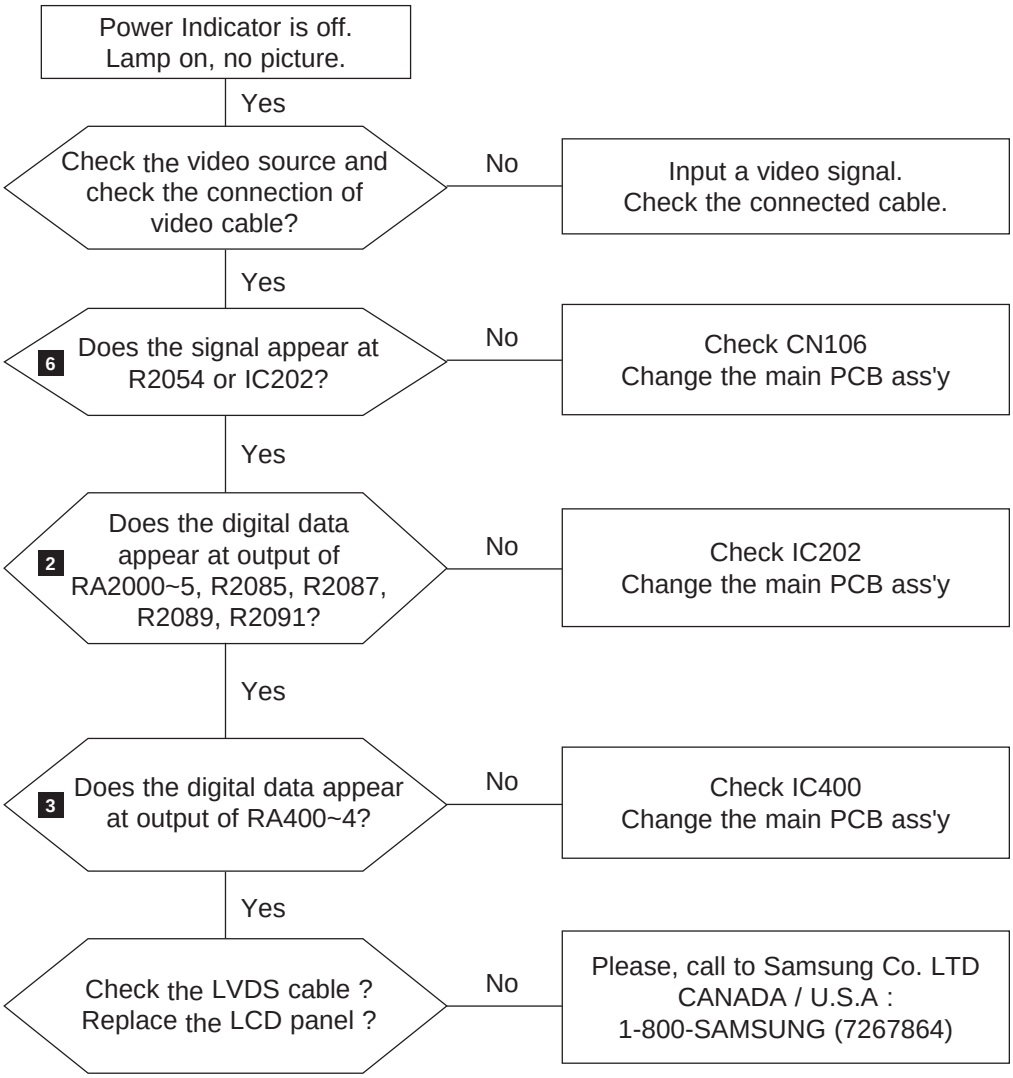


WAVEFORMS

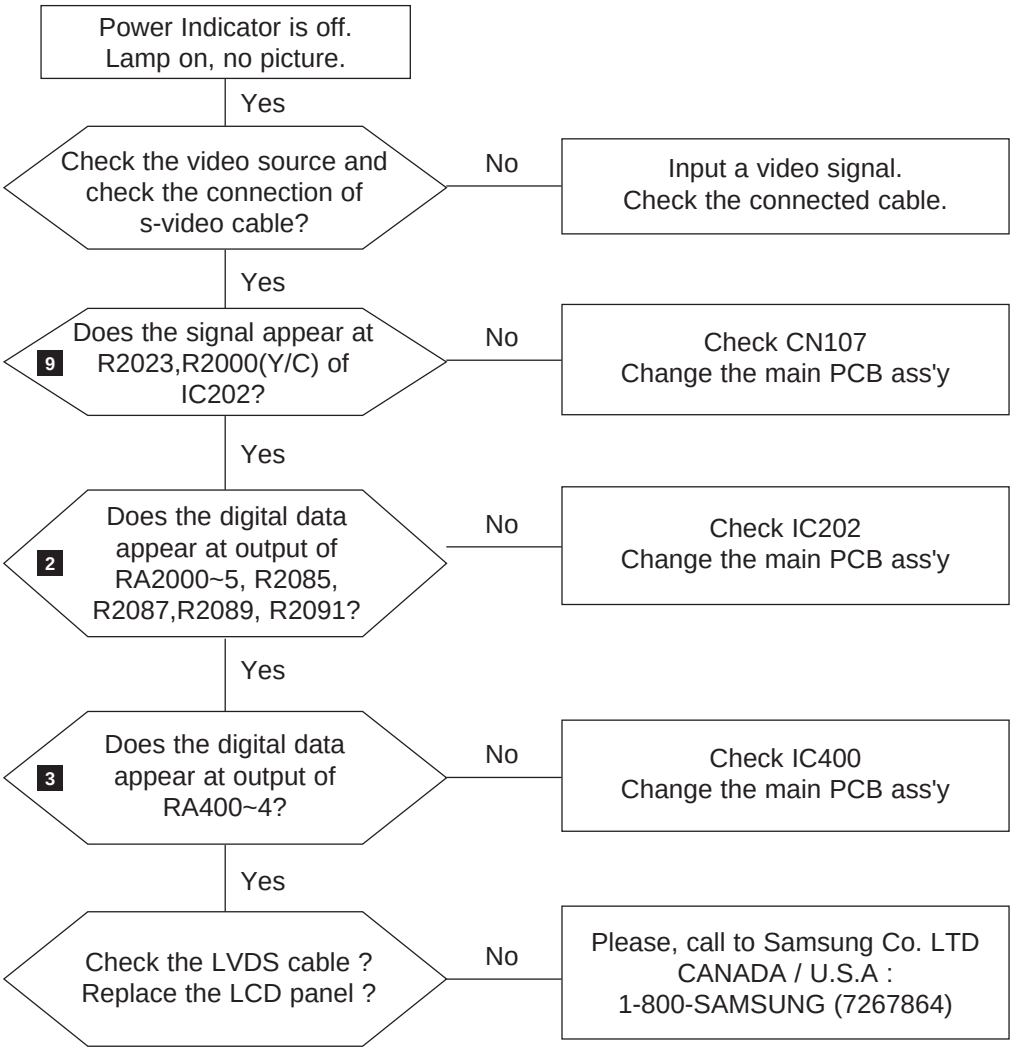
6 Tuner CVBS Out (Pattern: Grey Bar)



4-5 No Picture(Video CVBS)



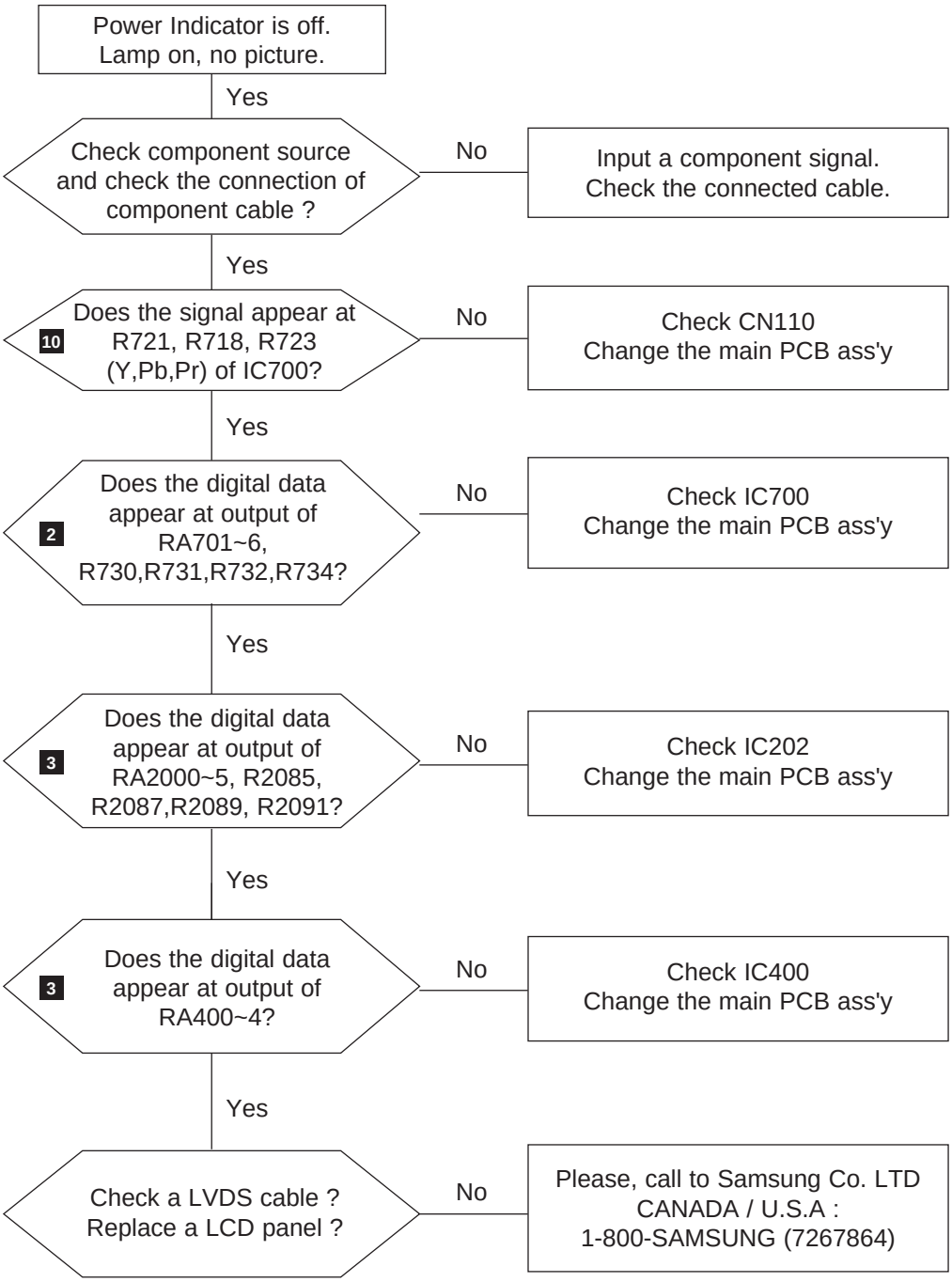
4-6 No Picture(S-Video Y/C)



WAVEFORMS

9 S-VIDEO Input (Y/C)

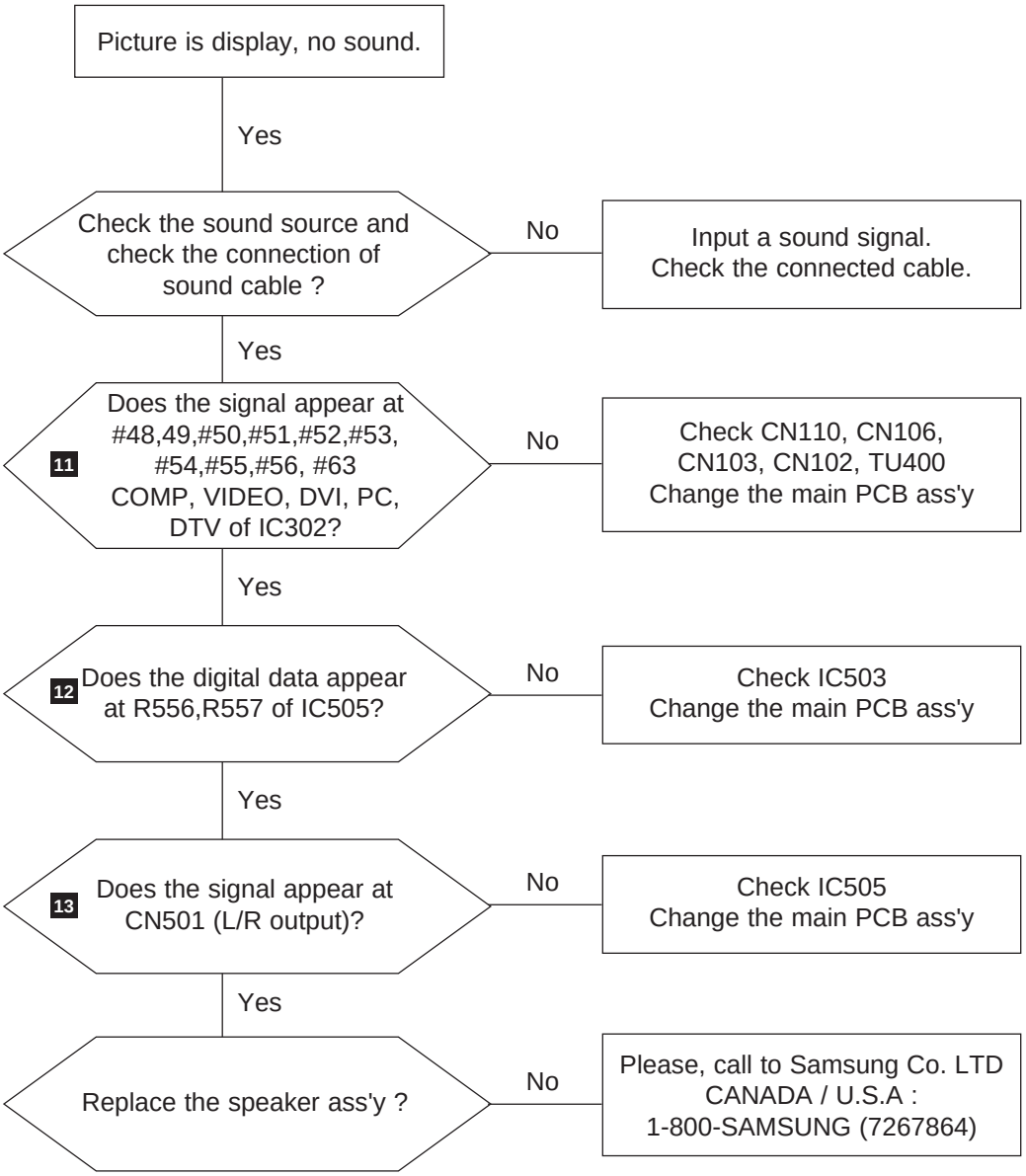
4-7 No Picture (Component1, 2 : 480i, 480p, 720p, 1080i [Y, Pb, Pr])



WAVEFORMS

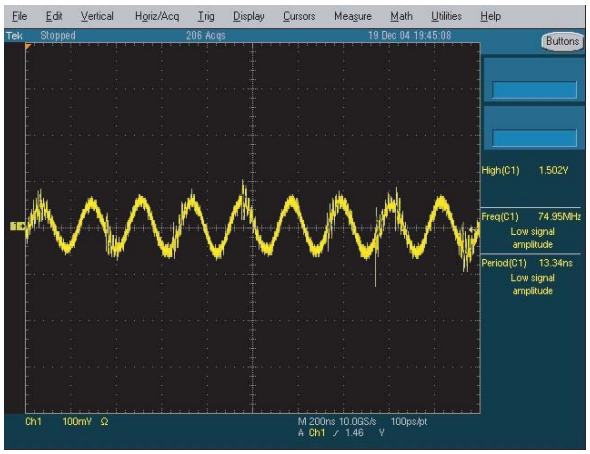
10 Component Input (Y/Pb)

4-8 No Sound

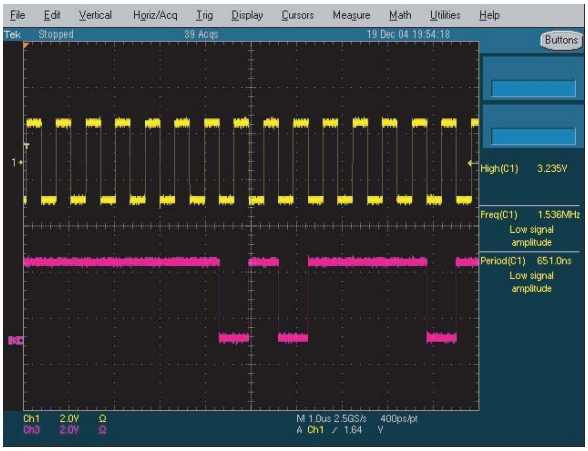

Picture is display, no sound.
Yes
Check the sound source and check the connection of sound cable ?
No
Input a sound signal.
Check the connected cable.
Yes
11
Does the signal appear at #48,49,#50,#51,#52,#53, #54,#55,#56, #63 COMP, VIDEO, DVI, PC, DTV of IC302?
No
Check CN110, CN106, CN103, CN102, TU400
Change the main PCB ass'y
Yes
12
Does the digital data appear at R556,R557 of IC505?
No
Check IC503
Change the main PCB ass'y
Yes
13
Does the signal appear at CN501 (L/R output)?
No
Check IC505
Change the main PCB ass'y
Yes
Replace the speaker ass'y ?
No
Please, call to Samsung Co. LTD
CANADA / U.S.A :
1-800-SAMSUNG (7267864)

WAVEFORMS

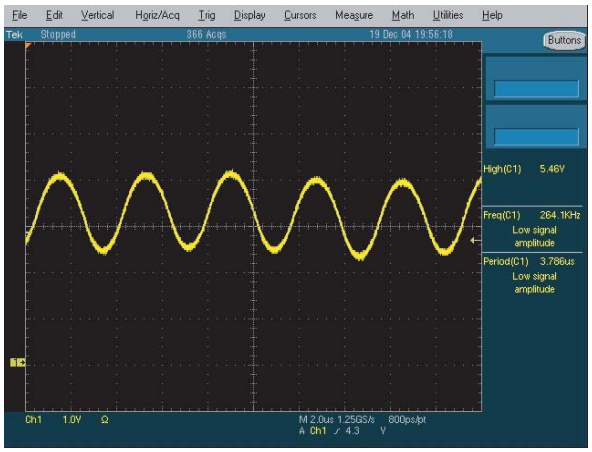
11 Audio Input (Sign Wave)



12 12S Input (Clk, Data)

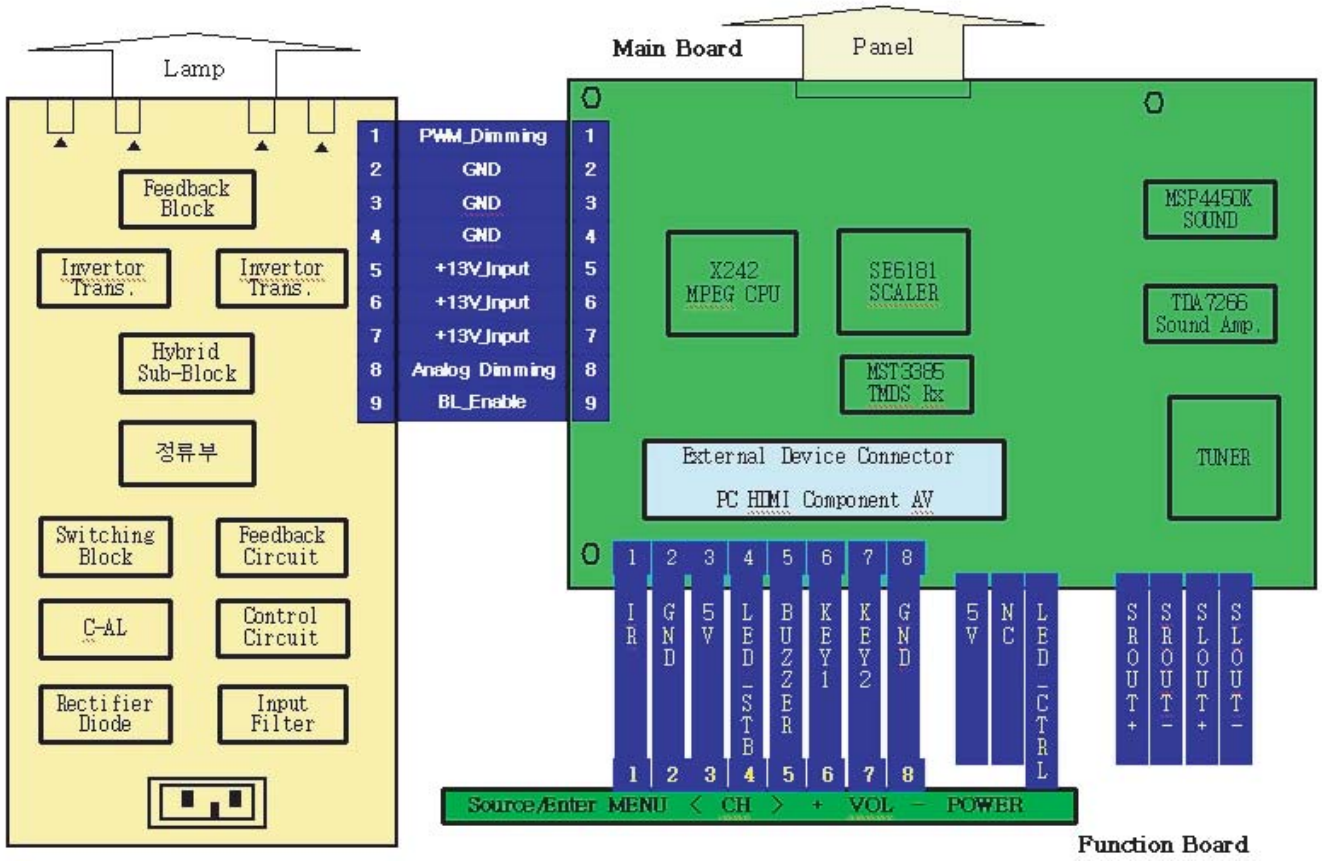


13 Audio Amp Out (Sign Wave)



8 Wiring Diagram

8-1 Wiring Diagram



Memo