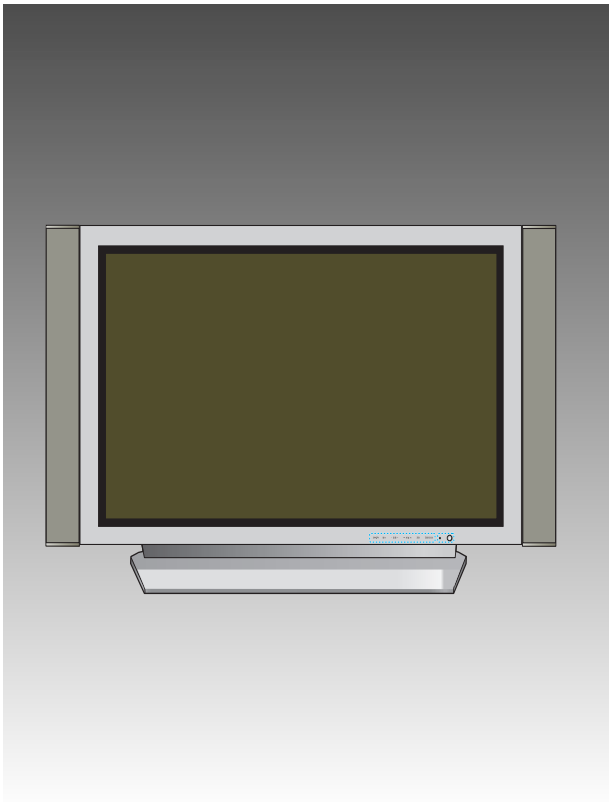
SAMSUNG

PLASMA DISPLAY TV

Chassis : D58A(P)
Model : PS42P3SX/XEC

SERVICE Manual

PLASMA DIAPLAY TV



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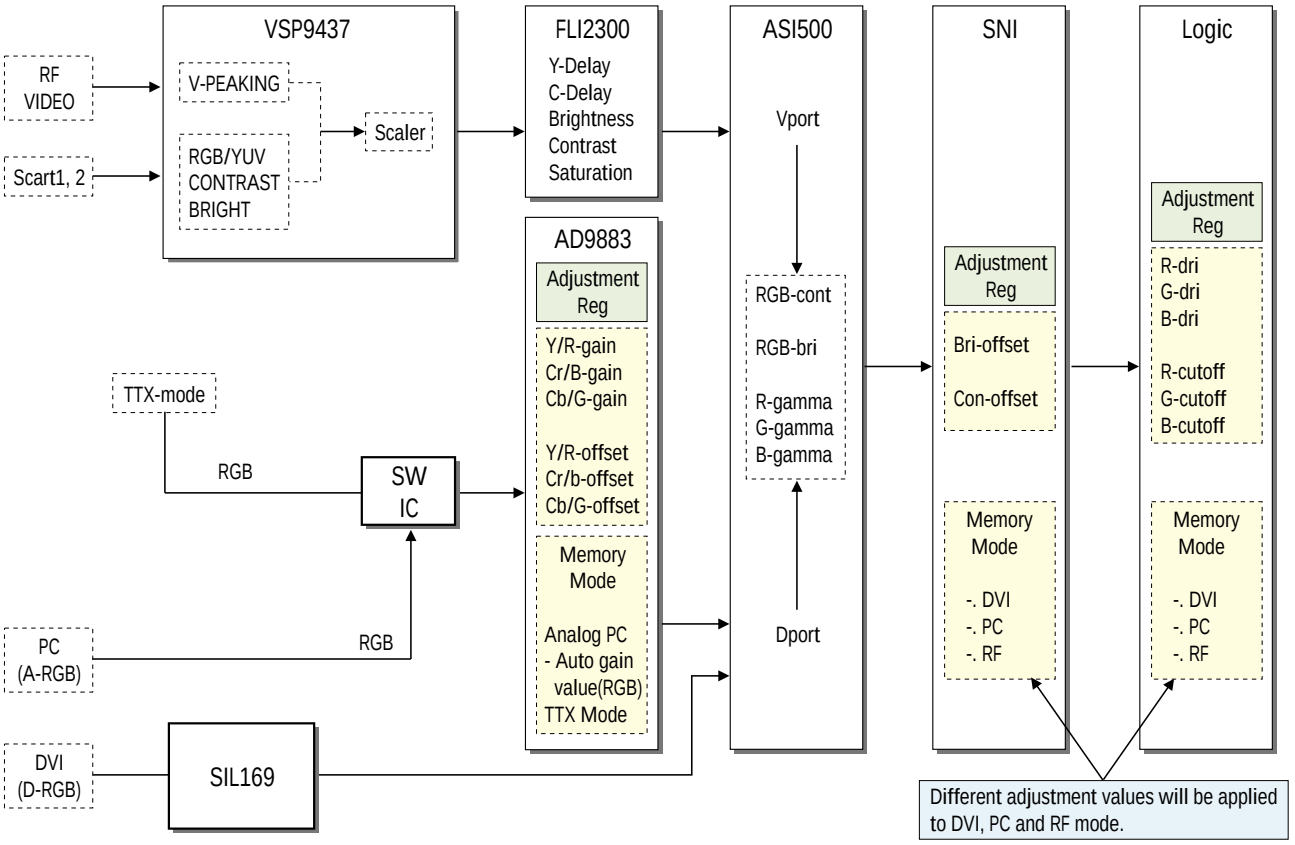
1. Alignment and Adjustments

1-1 The Fourth Review of PS-42P3S PAL White Balance on Europe-Bound dels

1-1-1 W/B to be adjusted in 3 modes: DVI, PC, Video (CVBS)

❋ Micom will be set to store additional W/B related data in each mode in accordance with the memory mode of the following block diagrams during the W/B adjustment.



1-1-2 Suggested adjustment methods (DVI, PC: MSPG-925LTH 640x480@59.94Hz, Video & RF: MSPG-925LTH, PAL-BDGHI 780x576@50Hz)

1-1-2(A) ADJUSTMENT OF DVI WHITE BALANCE

1. Adjust the timing to "MSPG-925LTH 640x480@59.94Hz" and load the Samsung White Balance Pattern.

2. Enter into Factory Mode.
   Select 6.SNI for brightness control. Adjust the High Light with 01.Contrast Offset, and set to 00. Set Low Light to "Bright offset"

3. To adjust the Color Coordinate select 9. LOGIC. Select 00.R Drive and 02.B Drive to adjust the High Light Color Coordinate.
   Keep the 01.G-Drive set at the default value.
   Adjust 03. R Cutoff and 05. B Cutoff to adjust the Low Light Color Coordinate. Keep the 04. G Cutoff set at the default value.

1-1-2(B) ADJUSTMENT OF PC WHITE BALANCE

1. Adjust the timing to "MSPG-925LTH 640x480@59.94Hz" and load the 16Gray ramp pattern.
   ...Execute [07. Auto Gain] while in Factory Mode 7.AD9883.
   /The position and pixel clock must be accurately adjusted before making the Analog Auto adjustment.\

2. Adjust the timing to MSPG-925LTH 640x480@59.94Hz, and load the Samsung White Balance Pattern.
   Select 6.SNI for brightness control. Adjust the High Light with the 01.Contrast offset. And set it to 00. Set the Low Light to "Bright offset"

3. To adjust the Color Coordinate, select 9. LOGIC. Select 00.R Drive and 02.B Drive to adjust the High Light Color Coordinate.
   Keep the 01.G-Drive set at the default value.
   Adjust 03. R Cutoff and 05. B Cutoff to adjust the Low Light Color Coordinate. Keep the 04. G Cutoff set at the default value.

1-1-2(C) ADJUSTMENT OF VIDEO (CVBS) & RF WHITE BALANCE

1. Adjust the timing to "MSPG-925LTH 640x480@59.94Hz" and load the Samsung White Balance Pattern.
   (Use the UHF C21 Toshiba Pattern if it°Øs adjusted with a RF signal instead of MSPG-925LTH)
   Set the Digital NR to Picture [On] in the menu.

2. Enter into Factory Mode.
   "Select 6.SNI for brightness control. Adjust the High Light with the 01.Contrast offset, and set to 00. Set Low Light to "Bright offset".

3. To adjust the Color Coordinate, select 9. LOGIC. Select 00.R Drive and 02.B Drive to adjust the High Light Color Coordinate.
   Keep the 01.G-Drive set at the default value.
   Adjust 03. R Cutoff and 05. B Cutoff to adjust the Low Light Color Coordinate. Keep the 04. G Cutoff set at the default value.

1-1-2(D) TTX MODE WHITE BALANCE ADJUSTMENT

1. Adjust the timing to PAL-BDGI 780x576@50Hz with MSPG-925LTH, and load the Samsung White Balance pattern.
   (When adjusting with RF signals instead of MSPG-925LTH, use the Development Team's UHF C21 Toshiba pattern.)

2. Go into the TTX mode by selecting AD9883 in the Factory mode.(Automated remote control 2f-->a)
   Set the adjustment value to be the same as the Video value, as it is basically similar to Video. Change and adjust the R, G, B-Gain for the High Light, and the R, G, B-offset for the Low Light to adjust the brightness and color coordinates.

1-1-3 Factory Mode Initial Value (: adjustment value with W/B adjustment)

1. VSP9437-1

V-PEAKING	16
HPLL SPEED	01
RGB/YUV CONT.	35
RGB/YUT BRI.	00
YUV SATCB	26
YUV SATCR	26
PAL B/G	01
PAL D/K	01
PAL I	01
SECAM B/G	27
SECAM D/K	27
SECAM L"/L	27
NTSC M	01
NTSC 4.4	27
PAL 60	27
PAL M/N	01
PAL	01
SECAM	27
NTSC	01
NTSC 4.43	27
PAL 60	27
NR	00

2. VSP9437-2

V-PEAKING	16
HPLL SPEED	01
PAL	01
SECAM	27
NTSC	01
PAL AV	01
SECAM AV	27
NTSC AV	01

3. FLI2300(DEINTERLACER)

Y DELAY	05
C DEKAT	12
CONTRAST	90
BRIGHTNESS	185
SATURATION	110

4. ASI500-1(SCALER MAIN/OSD)DVI/PC/RF

R CONTRAST	(30/30/32)
G CONTRAST	(30/30/32)
B CONTRAST	(30/30/32)
R BRIGHTNESS	00
G BRIGHTNESS	00
B BRIGHTNESS	00
TEXT ALPHA	01
TEXT THRESHOLD	07
FILTER ML	00
FILTER MR	00
FILTER FR	00
FILTER MC	16
FILTER UC	00
FILTER LC	00
FILTER YPASS	00
R,G,B GAMMA	32
DVI(32)/VIDEO(32)/ PC(32)	
H POSITION	00
V POSITION	00
H SIZE	00
V SIZE	00
OVERSCAN R	80
OVERSCAN G	80
OVERSCAN B	80

5. ASI500-2(SCALER PIP)

PIP R CONT	32
PIP G CONT	32
PIP B CONT	32
PIP R BRIGHT	00
PIP G BRIGHT	00
PIP B BRIGHT	00
PIP FILTER LC	00
PIP FILTER ML	00
PIP FILTER MR	00
PIP FILTER UC	00

6. SNI(PICTURE ENHANCER) DVI/PC/RF

Bright offset	00
Contrast offset	00
NR SCALE MAX	64
NR SCALE MIN	18
DE GAIN COR	03
DE GAIN CLIP	(90/90/60)
CE UPPER	240
CE CUTOFF	64
CE GAIN	48
WTE Y THRE	230
R CTL	02
SYNC MODE	01
PATT SEL	01
RED CONPENSA	616
BLUE CONPENSA	616
WTE GAIN	58
RAST VSIZE	1023
RAST HSIZE	895
SHARP OFFSET	17
CLK DLY	00
H_POSI	20

7. AD9883 (AD CONVERTER) PC/TTX/DTV

	PC	TTX
R GAIN	127	127
G GAIN	127	127
B GAIN	127	127
R,CR OFFSET	54	63
G,Y OFFSET	54	63
B,CB OFFSET	54	63
VIDEO PATH	PC	TTX
AUTO COLOR	OFF	

8. CXA2101(TTX MODE MIXER, RCA-DTV Color Converter			
PICTURE	20	SUB-BRIGHT	32
HUE	31	CR-OFFSET1	07
COLOR	16	CB-OFFSET1	07
BRIGHT	61	SUB-CONT	08
SHRPNESS	16	SUB-COL	08
R-DRIVE	04	SUB-HUE	08
G-DRIVE	04	R-Y/R	13
B-DRIVE	04	R-Y/B	15
R-CUTOFF	32	G-Y/R	12
G-CUTOFF	32	G-Y/B	04
B-CUTOFF	32		

9. LOGIC(PDP DRIVER) DVI/PC/RF			
R DRIVE	140	APC VALUE	127
G DRIVE	130(Fixed)	ACTIVE VPOS	12
B DIRVE	110	ACTIVE HPOS	19
R CUTOFF	00	VSYNC POS	03
G CUTOFF	00(Fixed)	HSYNC POS	32
B CUTOFF	00	VSYNC WIDTH	02
GAMMA	01	HSYNC WIDTH	12
GTS SET	01		
ERD MODE	02		
RANDOM NOISE	00		
DIFF FILTER	01		
APC	01		
APC SET	00		

10. TP LOG-ASI(TEST PAL LOGIC/SCALER)	
LOG PATTERN	00
LOG HIGH LEVEL	00
LOG LOW LEVEL	00
ASI COLORBAR	00

11. OPTION-1	
Scart/RCA	Scart
CW/CS	CW
Tele-Web	off
Language Group	Europe
Language	English
ATM	ON
Plug & Play	ON
Tuner(CE/VMB)	2-Tuner
LNA	ON
Top TTX	off
TTX Group	W.Europe
High Deviation	off
AGC	off

12. OPTION-2	
PIX SHIFT	V
SHIFT TEST	OFF
PIX NUMBER	02
SHIFT LINE	04
SHIFT TIME	04
TEMP PROTECT	OFF
SNI DEMO	ON
SNI THROUGH	OFF
VIDEO MUTE	0
OPTION 11	0
SCREEN DIVISION	OFF
LAST MEMORY	ON

1-1-4 Specifications of W/B Adjustment by Mode

		DVI	PC	Video or RF
H/L	x	285	285	285
	y	295	295	295
	Y(fL)	30	21	37.5
L/L	x	285	285	285
	y	295	295	305
	Y(fL)	1.2	0.9	1.6

MEMO

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

8. Electrical Parts List

8-1 PS42P3SX/XEC

Level	Loc. No.	Code No.	Description ; Specification	Remark
			ASSY COVER FRONT	
1		BN90-00388K	ASSY COVER FRONT;,D56A	S.N.A
2	A/C/CO	6006-001035	SCREW-ASS'Y MACH;WSP,PH,+,M3,L8,ZPC(YEL)	S.N.A
2	A/V/B+	6006-001035	SCREW-ASS'Y MACH;WSP,PH,+,M3,L8,ZPC(YEL)	S.N.A
2	B/F/B+	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	B/F/S+	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	B/F/T+	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	B/T+C/	6001-000059	SCREW-MACHINE;TH,+,M4,L10,ZPC(BLK),SWRCH	S.N.A
2	B/T+C/	6001-000059	SCREW-MACHINE;TH,+,M4,L10,ZPC(BLK),SWRCH	S.N.A
2	C/B+C/	6001-000059	SCREW-MACHINE;TH,+,M4,L10,ZPC(BLK),SWRCH	S.N.A
2	C/B+C/	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	C/B+C/	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	C/B+CH	6006-001112	SCREW-ASS'Y MACH;WP,PH,+,M8,L16,ZPC(BLK)	
2	C/B/SU	6001-000578	SCREW-MACHINE;TH,+,M3,L8,ZPC(YEL),SWRCH1	
2	C/B/SU	6001-000578	SCREW-MACHINE;TH,+,M3,L8,ZPC(YEL),SWRCH1	
2	C/B/SU	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	CH/B+H	6006-001126	SCREW-ASS'Y MACH;WSP,PH,+,M5,L12,NI PLT,	
2	D/V/B+	6006-001035	SCREW-ASS'Y MACH;WSP,PH,+,M3,L8,ZPC(YEL)	S.N.A
2	DECO/B	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	DECO/B	6001-000059	SCREW-MACHINE;TH,+,M4,L10,ZPC(BLK),SWRCH	S.N.A
2	G/S+S/	6006-001121	SCREW-ASS'Y MACH;WSP,PH,+,M4,L25,ZPC(BLK	
2	H/MOU+	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2	K/PCB+	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	S.N.A
2		BN61-00309A	BRACKET-FILTER SIDE,R ASS'Y;42P3,AL5052,	S.N.A
3		BN72-00324E	SPONGE-EMI;42P3,SHIELD-FORM,T8.0,L40,D20	S.N.A
3		AA63-60122K	SPACER-FELT;SPD-42P3S,FELT,L60,D20,T0.35	S.N.A
3		BN61-00316C	BRACKET-FINGER;P3,BE-CU #25,T0.08,L68	S.N.A
3		BN61-00316A	BRACKET-FINGER;P3,BE-CU #25,T0.08,L408	S.N.A
3		BN61-00144A	BRACKET-FILTER,SIDE;42P3S,AL5052,T1.2	S.N.A
2		BN96-00137A	ASSY COVER P-STAND BASE;42P3S,AL 5052,T1	
3	B/STD+	6006-001112	SCREW-ASS'Y MACH;WP,PH,+,M8,L16,ZPC(BLK)	
3	B/STD+	6003-001020	SCREW-TAPTITE;RH,+,B,M4,L10,ZPC(YEL),SWR	S.N.A
3		BN73-00029A	RUBBER-FOOT;TR42PND,CR RUBBER,T4.0	S.N.A
3		BN67-00067A	STAND RACK-BAR;42P3,DIE CASTING	S.N.A
3		BN67-00066A	STAND RACK-TOP;42P3,BLK	S.N.A
3		BN64-00107A	DECORATION-STAND;42P3,AL 5052,T1.0	S.N.A
3		BN61-00221A	BRACKET-STAND;42P3,SECC,T3.0	S.N.A
2		BN72-00324J	SPONGE-EMI;42P3,SHIELD-FORM,T0.1,L300,D5	S.N.A
2		BN72-00342A	SPONGE-CONTROL;50P3H,SPONGE,,8,15,200,,V	S.N.A
2		BN61-00244C	BRACKET-FILTER,TOP ASSY;42P3S,AL5052,T1.	S.N.A
3		BN61-00142A	BRACKET-FILTER,TOP;42P3S,AL5052,T1.2	S.N.A
3		BN61-00316A	BRACKET-FINGER;P3,BE-CU #25,T0.08,L408	S.N.A
3		BN61-00316C	BRACKET-FINGER;P3,BE-CU #25,T0.08,L68	S.N.A
3		BN72-00324E	SPONGE-EMI;42P3,SHIELD-FORM,T8.0,L40,D20	S.N.A
2		BN96-00135E	ASSY COVER P-FRONT;PS42P3(GUJU),HIPS HB	
3		BN64-00071E	CABINET-FRONT;PS42P3(GUJU),HIPS HB,BLM12	S.N.A
3		BN64-00074B	WINDOW-REMOTE;42P3S,PMMA,,,,,,CLEAR	S.N.A
3		BP64-00045A	KNOB CONTROL;42P3S,ABS,HB,BLK,SVM3074MG	
3		BP64-00198A	BADGE-BRAND;PJLCD,AL,T1.5,68,11.5,,DGN-S	S.N.A
2		BN64-00143B	DECORATION-BACK;SPD-42P3H,PC+ABS,5V,DG-8	S.N.A
2		AA60-00110C	SPACER-FILTER;42P2,P/U V0,L,BLK	S.N.A
2		AA60-00110D	SPACER-FILTER;42P2,P/U V0,L,BLK	S.N.A
2		AA73-00005B	RUBBER-CAP;FLAT,PRJ,SILICONE RUBBER,WHIT	
2		BN61-00141A	HOLDER-MODULE;42P3,AL,DIECASTING	S.N.A
2		BN61-00245B	BRACKET-FILTER,SIDE(L) ASSY;42P3S,AL5052	S.N.A
3		BN72-00324E	SPONGE-EMI;42P3,SHIELD-FORM,T8.0,L40,D20	S.N.A
3		AA63-60122K	SPACER-FELT;SPD-42P3S,FELT,L60,D20,T0.35	S.N.A
3		BN72-00324F	SPONGE-EMI;42P3,SHIELD-FORM,T8.0,L20,D20	S.N.A
3		BN61-00316C	BRACKET-FINGER;P3,BE-CU #25,T0.08,L68	S.N.A
3		BN61-00316A	BRACKET-FINGER;P3,BE-CU #25,T0.08,L408	S.N.A
3		BN61-00144A	BRACKET-FILTER,SIDE;42P3S,AL5052,T1.2	S.N.A
2		BN61-00246B	BRACKET-FILTER,BOT ASSY;42P3S,AL5052,T1.	S.N.A
3		AA63-60122L	SPACER-FELT;42P3,L895,D17,T0.35	S.N.A
3		AA63-60122K	SPACER-FELT;SPD-42P3S,FELT,L60,D20,T0.35	S.N.A
3		BN72-00324E	SPONGE-EMI;42P3,SHIELD-FORM,T8.0,L40,D20	S.N.A
3		BN61-00316C	BRACKET-FINGER;P3,BE-CU #25,T0.08,L68	S.N.A
3		BN61-00316A	BRACKET-FINGER;P3,BE-CU #25,T0.08,L408	S.N.A
3		BN61-00143A	BRACKET-FILTER,BOT;42P3S,AL5052,T1.2	S.N.A
			ASSY PDP	
1		BN91-00572A	ASSY PDP;PS-42P3S,D58A	S.N.A
2		BN39-00283C	LEAD CONNECTOR;D54B/SPN4235,UL1571#30,UL	
2		BN96-00325A	ASSY PDP P-MODULE;M3,S42SD-YD03,D54A,S2.	
3		BN96-00249A	ASSY PDP P-SMPS;,SPD-50P3H,D57A,50HD,445	
3		BN96-00257A	ASSY PDP P-PBA,Y MAIN;,SPD-42P3,D54A,42I	
3		BN96-00430A	ASSY PDP P-LOGIC BOARD;M3,S42SD-YD04,42S	
3		BN96-00259A	ASSY PDP P-PBA,Y BUFF(DOWN);,SPD-42P3,D5	
3		BN96-00258A	ASSY PDP P-PBA,Y BUFF(UP);,SPD-42P3,D54A	
3		BN96-00256A	ASSY PDP P-PBA,X MAIN;,SPD-42P3,D54A,42I	
3		BN96-00255A	ASSY PDP P-PBA,L BUFF(G);,SPD-42P3,D54A,	
3		BN96-00254A	ASSY PDP P-PBA,L BUFF(F);,SPD-42P3,D54A,	
3		BN96-00253A	ASSY PDP P-PBA,L BUFF(E);,SPD-42P3,D54A,	
2		6046-001010	STAND OFF;M3,L6,NI PLT,SUM24L,#4-40	S.N.A
2		6021-001137	NUT-HEXAGON;MACHINE,M12,NI PLT,SM20C,3C,	S.N.A
2		6031-001472	WASHER-PLAIN;SWRCH18A,M11,ID12,OD17,T1.0	S.N.A
2		2901-001250	FILTER-EMI AC LINE;250V,10A,-,22000PF,50	
2		BN94-00452A	ASSY PCB MISC-CONTROL;PS42P3SX,D53A,PAL	
3	CN101	AA39-00128E	LEAD CONNECTOR;D54B/SPN4235,UL1007/2547#	
3	LD101	0601-001381	LED;ROUND,RED/GRN,5.0MM,650/563NM	
3	RM101	AA32-00013B	MODULE REMOCON;346HF5,38KHz,940mm,MESH,H	S.N.A
3	SW101	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW102	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW103	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW104	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW105	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW106	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3	SW107	3404-000115	SWITCH-TACT;12V,50MA,160GF,6X6X7.85MM,SP	
3		AA61-00583B	HOLDER-LED;SPD-50P2H,ABS,BLK	S.N.A
3		BN97-00087T	ASSY AUTO-CONTROL;	S.N.A
4	0	AA41-00728B	PCB CONTROL;PS42P3S,2L,1.6T,245*245,D58A	S.N.A
4	C101	2401-001496	C-AL;47uF,20%,16V,GP,TP,5x7,5	
4	C102	2201-000119	C-CERAMIC,DISC;100NF,+80-20%,50V,Y5V,TP,	
4	D101	0403-000510	DIODE-ZENER;MTZJ6.2B,6.2V,5.96-6.27V,500	
4	R101	2001-000734	R-CARBON;4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM	
4	R102	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM	
4	R103	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM	
4	R104	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM	
4	R105	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM	
4	R106	2001-000832	R-CARBON;5100HM,5%,1/8W,AA,TP,1.8X3.2MM	
3		0202-000187	SOLDER-WIRE FLUX;-,RS60S,D1.2,63Sn/37Pb	S.N.A
2		BN64-00122A	SCREEN-EMI,FILTER;FILTER,42P3,984*584,T3	
2		BN94-00415A	ASSY PCB MISC-DIGITAL;PS-42P3S,D56A	
3	CN701	3711-003973	CONNECTOR-HEADER;BOX,11P,1R,2.5mm,STRAIG	
3	CN702	3711-003272	CONNECTOR-HEADER;BOX,10P,2R,2.54mm,STRAI	
3	CN909	3711-003051	CONNECTOR-HEADER;BOX,8P,1R,2.5MM,STRAIGH	
3	JA1001	3722-000143	JACK-PHONE;1P(VER),3.4PI,AG,BLK,NO	
3	JA1002	3722-001792	JACK-PIN;2P,8.3MM,AU,WHT/RED,-	
3	JA1003	3722-001941	JACK-PIN;3P,-,AU,YEL/WHT/RED,-	
3	JA104	3722-001163	JACK-VHS;4P,12mm,AU,BLK,N	
3	JA1300	3701-001173	CONNECTOR-DSUB;24P,3R,FEMALE,ANGLE,AUF	
3	JA801	3701-001160	CONNECTOR-DSUB;15P,3R,FEMALE,ANGLE,AU15U	
3	JA902	3722-000143	JACK-PHONE;1P(VER),3.4PI,AG,BLK,NO	
3		BN97-00088X	ASSY SMD-DIGITAL;PS42P3S,D58A,TM_ALEXM06	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	BD501	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	C1000	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1001	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1002	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1003	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1004	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1005	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1006	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1007	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1008	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1009	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1010	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1011	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1012	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1013	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1014	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1015	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1016	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1017	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1018	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1019	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1020	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1021	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1022	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1023	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1024	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1025	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1026	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1027	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1028	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1029	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1030	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1031	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1032	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1033	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1034	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1035	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1036	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1037	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1038	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1039	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1040	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1041	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1042	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1043	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1044	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1045	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1046	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1047	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1048	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1049	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1050	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1051	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1052	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1053	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1054	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1055	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
4	C1056	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
4	C1057	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1058	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C1059	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C1060	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1061	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C1062	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1063	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1064	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1065	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1068	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1069	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C1075	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C1076	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C1077	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1078	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1100	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1101	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1102	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1103	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1104	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1106	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1107	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1108	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1109	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1110	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1111	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1112	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1113	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1114	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1115	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1116	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1117	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1118	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1119	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1120	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1121	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1122	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1123	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1124	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1125	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1126	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1127	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1128	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1129	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1130	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1131	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1132	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1133	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1134	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1135	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1136	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1137	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1138	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1139	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1140	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1141	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1142	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1143	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1144	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1145	2203-000280	C-CERAMIC,CHIP;0.01NF,0.5PF,50V,C0G,TP,1	
4	C1146	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1147	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1148	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1149	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1150	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1151	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1152	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1153	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1154	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1155	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1156	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1157	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1159	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1160	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1161	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1162	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1163	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1164	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1165	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1166	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1167	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1168	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1169	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1170	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1171	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1172	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1173	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1174	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1175	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1176	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1177	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C1200	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1201	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C1202	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1203	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1204	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1205	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1206	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1207	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1208	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1209	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1210	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1211	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1212	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1213	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1214	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1215	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1216	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1217	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1218	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1219	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1220	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1221	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1222	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1223	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1224	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1225	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1226	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1227	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1228	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1229	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1230	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1231	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1232	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1233	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1234	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1235	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1236	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1237	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1238	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1239	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1240	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1241	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1242	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1243	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1244	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1245	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1246	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1248	2203-002526	C-CERAMIC,CHIP;56nF,10%,25V,X7R,BK,1608,	
4	C1249	2203-002526	C-CERAMIC,CHIP;56nF,10%,25V,X7R,BK,1608,	
4	C1250	2203-002526	C-CERAMIC,CHIP;56nF,10%,25V,X7R,BK,1608,	
4	C1251	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1252	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1300	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1301	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1302	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1303	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1304	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1305	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1306	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1307	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1308	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1309	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-	
4	C1310	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1313	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
4	C1315	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1316	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C1317	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C1318	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C1319	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C1320	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C1321	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1322	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1323	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C1324	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C500	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C501	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C502	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C503	2409-001065	C-ORGANIC;82UF,20%,16V,WT,TP,8X6.9MM,-	
4	C504	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C505	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C506	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C507	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
4	C508	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
4	C509	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C510	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C511	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C512	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C513	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C514	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C515	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C516	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C517	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C518	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C519	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C520	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C521	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C522	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C523	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C524	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C525	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C526	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C527	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C528	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C529	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C530	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C531	2402-001044	C-AL,SMD;100UF,20%,25V,GP,TP,8.3X8.3X6.3	
4	C532	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C533	2203-000384	C-CERAMIC,CHIP;0.015NF,5%,50V,C0G,TP,160	
4	C534	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C535	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C536	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C537	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C538	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C539	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C540	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C541	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C542	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C543	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C544	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C545	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C546	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C547	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C548	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C549	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C550	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C551	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
4	C552	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
4	C553	2203-000357	C-CERAMIC,CHIP;0.15NF,5%,50V,C0G,TP,1608	
4	C600	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C601	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C602	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C603	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C604	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C605	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C606	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C607	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C608	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C609	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C610	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C611	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C612	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
4	C613	2203-000626	C-CERAMIC,CHIP;0.022NF,5%,50V,C0G,TP,160	
4	C614	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C615	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C616	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C617	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C618	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C619	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C620	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C621	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C622	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C623	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C624	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C625	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C626	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C627	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C628	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C629	2404-000120	C-TA,CHIP;10uF,20%,10V,-,TP,3528,-	
4	C630	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C631	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C632	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C633	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C634	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C635	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C636	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C637	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C638	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C639	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C640	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C641	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C642	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C643	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C644	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C645	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C646	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C647	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C648	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C649	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C650	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C651	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C652	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C653	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C654	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C700	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C701	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C702	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C703	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C704	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C705	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C706	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C707	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C708	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C709	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C710	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C711	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C712	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C713	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C714	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C715	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C716	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C717	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C718	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C719	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C720	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C721	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C722	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C723	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C724	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C725	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C726	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C727	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C728	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C729	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C730	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C731	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C732	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C733	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C734	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C735	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C736	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C737	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C738	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C739	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C740	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C741	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C742	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C743	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C744	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C745	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C746	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C747	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C748	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C749	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C750	2203-001652	C-CERAMIC,CHIP;470nF,+80-20%,16V,Y5V,TP,	
4	C751	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C752	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C753	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C754	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C755	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
4	C756	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C757	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C758	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C759	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C760	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C761	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C763	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C764	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C765	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C766	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C767	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C769	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C770	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C771	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C772	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C773	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C774	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C775	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C776	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C777	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C778	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C800	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C801	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C802	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C803	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C804	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C805	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C806	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C807	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C808	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C809	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C810	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C811	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C812	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C813	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C814	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C815	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C816	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C817	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C818	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C819	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C820	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C821	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C822	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C823	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C824	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C825	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C826	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C827	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
4	C828	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C829	2203-000843	C-CERAMIC,CHIP;39nF,10%,25V,X7R,TP,1608,	
4	C830	2203-000726	C-CERAMIC,CHIP;3.9nF,10%,50V,X7R,TP,1608	
4	C831	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C832	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C833	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C834	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C835	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C836	2203-001656	C-CERAMIC,CHIP;0.47nF,5%,50V,NP0,TP,1608	
4	C837	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C838	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C839	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C840	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C841	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C842	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
4	C843	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C844	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C900	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C901	2203-005005	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
4	C902	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C903	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C905	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C906	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C907	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C908	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C909	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C910	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C911	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C912	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C913	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C914	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C915	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C916	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C917	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C918	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C919	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C920	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C921	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C922	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C923	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C924	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C925	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C926	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C927	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C928	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C929	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C930	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C931	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C932	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C933	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C934	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C935	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C936	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C937	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,C0G,TP,160	
4	C938	2203-000815	C-CERAMIC,CHIP;0.033NF,5%,50V,C0G,TP,160	
4	C939	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C940	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C941	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C942	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C943	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C945	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C946	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C947	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608	
4	C948	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C949	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C952	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C953	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C956	2203-001155	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
4	C957	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C958	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C960	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C961	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C962	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C963	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C964	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C965	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C966	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C967	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	CN1101	3711-005083	CONNECTOR-HEADER;BOX,31P,2R,0.625MM,SMD-	
4	CN501	3711-002046	CONNECTOR-HEADER;BOX,12P,1R,1.25MM,SMD-S	S.N.A
4	CN502	3711-002046	CONNECTOR-HEADER;BOX,12P,1R,1.25MM,SMD-S	S.N.A
4	CN503	3711-002046	CONNECTOR-HEADER;BOX,12P,1R,1.25MM,SMD-S	S.N.A
4	CN504	3711-002046	CONNECTOR-HEADER;BOX,12P,1R,1.25MM,SMD-S	S.N.A
4	D1300	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1301	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1302	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1303	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1304	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1305	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1306	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1307	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1308	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1309	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D1310	0403-001180	DIODE-ZENER;BZX84C6V2,5%,350mW,SOT-23,TP	
4	D1311	0403-000579	DIODE-ZENER;BZX84C5V1,5.1V,5%,200mW,SOT-	
4	D1312	0401-001056	DIODE-SWITCHING;MMBD4148SE,75V,200MA,SOT	
4	D1313	0403-000579	DIODE-ZENER;BZX84C5V1,5.1V,5%,200mW,SOT-	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	D1314	0401-001056	DIODE-SWITCHING;MMBD4148SE,75V,200MA,SOT	
4	D700	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D701	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D702	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
⚠ 4	D800	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D801	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D802	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D803	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D804	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D805	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
⚠ 4	D806	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
⚠ 4	D807	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D900	0401-001056	DIODE-SWITCHING;MMBD4148SE,75V,200MA,SOT	
4	D901	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D902	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	D903	0401-000008	DIODE-SWITCHING;DAN217,80V,100mA,SOT-23,	
4	FT1000	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1001	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1002	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1003	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1101	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1102	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1103	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1104	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1105	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT1310	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT500	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT501	3301-001145	CORE-FERRITE BEAD;AB,4.5x1.6x1.6mm,-,-	S.N.A
4	FT502	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT503	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT504	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT505	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT506	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT507	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT508	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT509	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT510	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT511	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT512	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT513	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT514	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT515	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT516	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT517	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT518	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT519	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT520	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT521	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT522	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT523	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT524	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT525	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT526	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT527	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT528	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT529	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT530	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT531	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT600	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT601	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT602	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT603	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT700	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT701	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT702	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT703	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT800	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT801	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT900	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT901	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT902	2901-001114	FILTER-EMI SMD;25VDC,2.0ADC,-,100nF,3.2x	
4	FT903	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT904	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT905	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT906	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT907	2901-001118	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	IC1000	1105-001336	IC-DRAM;4S643232,512Kx32x4Bit,TSOP,86P,4	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	IC1001	1105-001336	IC-DRAM;4S643232,512Kx32x4Bit,TSOP,86P,4	
4	IC1002	1204-001990	IC-VIDEO PROCESS;ASI500,BGA,316P,27X27MM	
4	IC1100	1105-001336	IC-DRAM;4S643232,512Kx32x4Bit,TSOP,86P,4	
4	IC1101	1205-001740	IC-TRANSMITTER;DS90C385,TSSOP,56P,240MIL	
4	IC1102	1003-001503	IC-DISPLAY DRIVER;SNI,QFP,208P,28X28MM,-	
4	IC1103	1105-001336	IC-DRAM;4S643232,512Kx32x4Bit,TSOP,86P,4	
4	IC1200	0801-002709	IC-CMOS LOGIC;74HC373,D FLIP-FLOP,TSSOP,	
4	IC1201	1001-001067	IC-ANALOG SWITCH;QS34X245-Q3,CMOS,TQSOP,	
4	IC1202	0801-002559	IC-CMOS LOGIC;74LVX74,D FLIP-FLOP,TSSOP,	
4	IC1203	1001-001067	IC-ANALOG SWITCH;QS34X245-Q3,CMOS,TQSOP,	
4	IC1204	1002-001179	IC-A/D CONVERTER;AD9884,8BIT,QFP,128P,-,	
4	IC1300	1205-002198	IC-RECEIVER;SII169CT100,LQFP,100P,14X14M	
4	IC1301	1103-000129	IC-EEPROM;24C02,256x8BIT,SOP,8P,150MIL,1	
4	IC500	1203-002454	IC-VOLTAGE REGULATOR;FAN1117A,TO-252,3P,	
4	IC501	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	
4	IC502	1204-001973	IC-DECODER;VSP9437B,MQFP,80P,14X14MM,PLA	
4	IC600	1203-002454	IC-VOLTAGE REGULATOR;FAN1117A,TO-252,3P,	
4	IC604	1003-001528	IC-DISPLAY DRIVER;FLI2300,PQFP,208P,28X2	
4	IC605	1105-001480	IC-DRAM;HY57V643220CT-6,4X512KX32BIT,TSO	
4	IC700	AA13-00084A	IC ASIC;-,M4LV-32/32-12VC48,TQFP,48P,-	
4	IC701	1204-001550	IC-VIDEO PROCESS;CXA2101AQ,QFP,80P,-,PLA	
4	IC702	0801-000901	IC-CMOS LOGIC;74HC04,INVERTER,SOP,14P,15	
4	IC703	1203-002699	IC-POSI.FIXED REG.;78D05,DPAK,3P,6.6X6.1	
4	IC704	1203-001359	IC-POSI.FIXED REG.;1086,TO-263,3P,15.8MM	
4	IC705	1203-002351	IC-VOLTAGE REGULATOR;LF25C,DPAK,3P,240MI	
4	IC706	1203-001359	IC-POSI.FIXED REG.;1086,TO-263,3P,15.8MM	
4	IC707	1203-002351	IC-VOLTAGE REGULATOR;LF25C,DPAK,3P,240MI	
4	IC800	1001-001082	IC-VIDEO SWITCH;BA7657F,-,SOP,24P,300MIL	
4	IC801	1103-000129	IC-EEPROM;24C02,256x8BIT,SOP,8P,150MIL,1	
4	IC802	1002-001292	IC-A/D CONVERTER;AD9883AKST-110,8BITS,QF	
4	IC900	1001-001146	IC-ANALOG SWITCH;FST3257,BUS SWITCH & CM	
4	IC901	1203-001212	IC-VOL. DETECTOR;7029,SOT-89,3P,-,PLASTI	
4	IC902	1001-001109	IC-ANALOG SWITCH;FST3125M,BUS SWITCH & C	
4	IC903	1103-001147	IC-EEPROM;24256,256KBIT,SOP,8P,150MIL,-,	
4	IC904	1105-001305	IC-DRAM;4S641632,1Mx16x4Bit,TSOP,54P,400	
4	IC905	1107-001405	IC-FLASH MEMORY;29LV320,4MX8/2MX16BIT,TS	
4	IC907	1204-002000	IC-DECODER;SDA6001-B11,MQFP,128P,28X28MM	
4	IC908	0904-001031	IC-I/O SUPPORT CHIP;8574,8BIT,SOP,16P,-,	
4	IC909	1006-001076	IC-DRIVER/RECEIVER;232,SOP,16P,300MIL,DU	
4	IC910	0904-001031	IC-I/O SUPPORT CHIP;8574,8BIT,SOP,16P,-,	
4	L1000	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1001	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1002	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1003	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L1004	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L1005	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L1006	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L1007	2703-001778	INDUCTOR-SMD;3.3UH,20%,3.2X2.5X2.2MM	
4	L1200	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L1300	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1301	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1302	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1303	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L1304	2703-001334	INDUCTOR-SMD;1.5uH,10%,2x1.25x0.85mm	
4	L501	2703-001778	INDUCTOR-SMD;3.3UH,20%,3.2X2.5X2.2MM	
4	L600	2703-001778	INDUCTOR-SMD;3.3UH,20%,3.2X2.5X2.2MM	
4	L601	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L602	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L603	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L604	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L700	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L701	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L702	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L703	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L704	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L800	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L801	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	L802	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	PCB	AA41-00805B	PCB-DIGITAL B/D;PS42P3S,FR-4,6L,B,1.6T,1	S.N.A
4	Q1300	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
4	Q1301	0505-000110	FET-SILICON;2N7002,N,60V,115MA,7.5OHM,0.	
4	Q500	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q501	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q502	0501-002080	TR-SMALL SIGNAL;2SC2412K,NPN,200mW,SC-59	
4	Q503	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q700	0501-000280	TR-SMALL SIGNAL;KSA1182,PNP,150mW,SOT-23	
4	Q701	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q702	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q703	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q901	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q902	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q903	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	R1000	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1001	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1002	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1003	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1004	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1005	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1006	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1007	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1008	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1009	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1010	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1011	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1012	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1013	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1014	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1015	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1016	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1017	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1018	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1019	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1020	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1021	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1022	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1023	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1024	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1025	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1026	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1027	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1028	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1029	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1030	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1031	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1032	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1033	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1034	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1035	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1036	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1037	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1038	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1039	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1040	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1041	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1042	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1043	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1044	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1045	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1046	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1047	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1048	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1049	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1051	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1053	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1054	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1055	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1056	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1057	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1058	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1059	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1060	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1061	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1062	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1063	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1064	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1065	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1066	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1067	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1068	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1070	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1071	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1072	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R1073	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1074	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1076	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
4	R1079	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1080	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1081	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1082	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1089	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R1090	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1091	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1092	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R1093	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1094	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1100	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1101	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1102	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1103	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1104	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1107	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1112	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1113	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1114	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1115	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1116	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R1201	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1206	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1207	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1208	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
4	R1209	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1210	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1212	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1213	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1214	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1215	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1216	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1217	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1218	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R1219	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
4	R1220	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1221	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1222	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1223	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1224	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1225	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
4	R1226	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1227	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1228	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1229	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1230	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1231	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1232	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1233	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1234	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R1266	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1267	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1268	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1269	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1270	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1271	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1300	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1301	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1302	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1303	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1304	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1305	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1307	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1308	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1309	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1310	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R1313	2007-000821	R-CHIP;390ohm,1%,1/16W,DA,TP,1608	
4	R1315	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1316	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1317	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1318	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1319	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1320	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1322	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1327	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1329	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1330	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
4	R1331	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1332	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1334	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1335	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1336	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1337	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1338	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
4	R1380	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1383	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R1384	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R500	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R501	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R502	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R503	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R504	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R505	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R506	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R507	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R508	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R509	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R510	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
4	R512	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R513	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R514	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R515	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R516	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R517	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R518	2007-000821	R-CHIP;390ohm,1%,1/16W,DA,TP,1608	
4	R519	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R520	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R521	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R522	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R523	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R524	2007-001002	R-CHIP;510ohm,5%,1/16W,DA,TP,1608	
4	R525	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R526	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R527	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R528	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R529	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R530	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R531	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R532	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R533	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R534	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R535	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R538	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R539	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R541	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R544	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R545	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R546	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R547	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R548	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R549	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R550	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R551	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R552	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R553	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R554	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R555	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R558	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R559	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R560	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R561	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R562	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R603	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R604	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R607	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
4	R608	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R610	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R611	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R612	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R613	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R614	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R615	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R616	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R617	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R618	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R619	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R620	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R621	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R622	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R623	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R624	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R625	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R626	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R627	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R628	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R629	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R630	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R631	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R632	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R633	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R634	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R635	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R636	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R637	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R638	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R639	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R640	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R641	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R642	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R650	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R651	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R652	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R653	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R654	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R655	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R656	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R670	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R679	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R700	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R701	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R702	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R703	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R704	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R705	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R706	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R709	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R712	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R713	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R714	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R715	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R718	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R720	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R721	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R722	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R723	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
4	R724	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R725	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R726	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R727	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R728	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R729	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R730	2007-000616	R-CHIP;24Kohm,5%,1/16W,DA,TP,1608	
4	R731	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
4	R732	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R733	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R734	2007-000857	R-CHIP;4.3Kohm,1%,1/16W,DA,TP,1608	
4	R735	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R736	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R737	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R738	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R739	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R740	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R741	2007-001196	R-CHIP;820Kohm,5%,1/16W,DA,TP,1608	
4	R742	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
4	R743	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R744	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R745	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R746	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R747	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
4	R748	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
4	R749	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
4	R800	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R801	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R802	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R803	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R804	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R805	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R806	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R807	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R808	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
4	R809	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
4	R810	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R811	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R812	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R813	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
4	R814	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
4	R816	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R817	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R818	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R819	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R820	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R821	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R824	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R825	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R826	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R827	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R828	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R832	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R833	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R834	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R836	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R837	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R890	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R891	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R900	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R902	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R903	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R904	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R905	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R906	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R907	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R908	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R909	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R910	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R911	2007-000100	R-CHIP;68Kohm,5%,1/16W,DA,TP,1608	
4	R912	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R913	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R914	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R915	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R916	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R917	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R918	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R919	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R920	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R921	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R922	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R923	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
4	R924	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R925	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R926	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R927	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R928	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R929	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R930	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R931	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R932	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R933	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R934	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R935	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R936	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R937	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R938	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R939	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R940	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
4	R941	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R942	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R943	2007-000080	R-CHIP;2Kohm,5%,1/16W,DA,TP,1608	
4	R944	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R945	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R946	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R947	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R948	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R949	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
4	R950	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
4	R951	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R952	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R953	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R954	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R956	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R957	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
4	R958	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
4	R959	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
4	R964	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R965	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R966	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
4	R967	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
4	R968	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R969	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R970	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R971	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R972	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R973	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R974	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R975	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R976	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R977	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R978	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R979	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R980	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R981	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R982	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R983	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R984	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R985	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R986	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R987	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R988	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R989	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R990	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R991	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R992	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R993	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R994	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
4	R995	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R996	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R997	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R998	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	RA1001	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1002	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1003	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1004	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1005	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1006	2011-000585	R-NETWORK;47ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1101	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1102	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1103	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1104	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1105	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1106	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1201	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1202	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1203	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1204	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1205	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1206	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1300	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1301	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1302	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1303	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1304	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1305	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA1306	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA501	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA502	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA601	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA602	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA603	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA604	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA605	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA606	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA607	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA807	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA808	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA809	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA810	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA811	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	RA812	2011-000002	R-NETWORK;22ohm,5%,63mW,L,CHIP,8P,TP	
4	X1001	2801-003667	CRYSTAL-SMD;14.3182MHZ,50PPM,28-AAN,16,5	
4	X501	2801-004004	CRYSTAL-SMD;20.25MHz,20ppm,28-AAN,13pF,2	
4	X601	2801-004211	CRYSTAL-SMD;13.5MHZ,25PPM,28-AAN,20PF,40	
4	X900	2801-004117	CRYSTAL-SMD;6MHZ,30PPM,28-ABX,20PF,150OH	
4	ZD1001	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1002	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1003	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1004	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1005	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1006	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1007	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1008	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1009	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1010	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1011	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1012	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD1013	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD801	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD802	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD904	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD905	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD906	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD907	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
2		BN94-00416A	ASSY PCB MISC-ANALOG;PS-42P3S,D56A	
3	-	BN39-00338A	CBF IF;D56A/PS42P3S,1P,1365#26,50MM,BLAC	
3	CN201	BN39-00332A	LEAD CONNECTOR;D54A/SPD-42P3S,UL1061#28,	
3	CN202	BN39-00332A	LEAD CONNECTOR;D54A/SPD-42P3S,UL1061#28,	
3	CN203	BN39-00332A	LEAD CONNECTOR;D54A/SPD-42P3S,UL1061#28,	
3	CN204	BN39-00332A	LEAD CONNECTOR;D54A/SPD-42P3S,UL1061#28,	
3	CN301	3711-003052	CONNECTOR-HEADER;BOX,10P,1R,2.5MM,STRAIG	
3	JA101	3722-001806	JACK-SCART;21P,-,SNPB,BLK,-	
3	JA102	3722-001806	JACK-SCART;21P,-,SNPB,BLK,-	
3	JA103	3722-001783	JACK-PIN;1P,-,SN,YEL,-	
3	JA300	BN37-00001A	CONNECTOR-SPEAKER;UST-AG-014,D54A(SPD-42	
3	JA301	3722-001920	JACK-PIN;1P,-,AU,BLK,-	
3	L302	AA27-00119A	COIL CHOKE;10uH,-,10uH,10%,0.07,0.1ohm M	
3	L303	AA27-00119A	COIL CHOKE;10uH,-,10uH,10%,0.07,0.1ohm M	
3	L304	AA27-00119A	COIL CHOKE;10uH,-,10uH,10%,0.07,0.1ohm M	
3	L305	AA27-00119A	COIL CHOKE;10uH,-,10uH,10%,0.07,0.1ohm M	
3	MAIN-T	3705-001288	CONNECTOR-COAXIAL;F,ADAPTOR(J/P),-,-,-	
3	TU101	BN40-00024A	TUNER;TCLQ9091PC28A(S),TCLQ9091PC28A(S),	
3	TU102	BN40-00011A	TUNER;TCPQ9091PC27D(S),TCPQ9091PC27D(S),	
3		BN97-00088Y	ASSY SMD-ANALOG;PS-42P3S,D56A,AA41-00806	
4	BD101	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	BD102	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	C100	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C101	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
4	C102	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C103	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C104	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C105	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C106	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C107	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C108	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
4	C109	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C110	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C111	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C112	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C113	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C114	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	C115	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C116	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C118	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C119	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C120	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C121	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C122	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C123	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C124	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C125	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C126	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C127	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C128	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C129	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C130	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C131	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C132	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C133	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C134	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C135	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C136	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C137	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C138	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C139	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C140	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C141	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C142	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C143	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C144	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C145	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C146	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C150	2203-001140	C-CERAMIC,CHIP;68nF,10%,16V,X7R,TP,1608,	
4	C191	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
4	C192	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C193	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
4	C194	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C300	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C303	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C304	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C305	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C306	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C307	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C309	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C310	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C311	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C312	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C313	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C314	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C315	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C316	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C317	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C318	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C319	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C320	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C321	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C322	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C323	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C324	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C325	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C326	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C327	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C328	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C329	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
4	C330	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C331	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C332	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
4	C333	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
4	C334	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C335	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
4	C336	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C337	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C338	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C339	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C340	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C341	2203-000697	C-CERAMIC,CHIP;0.002NF,0.25PF,50V,C0G,TP	
4	C342	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C343	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C344	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C345	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C346	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C347	2203-000697	C-CERAMIC,CHIP;0.002NF,0.25PF,50V,C0G,TP	
4	C348	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C349	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
4	C350	2402-000130	C-AL,SMD;2.2uF,20%,50V,GP,TP,4.3x4.3x5.	
4	C351	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C352	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C353	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C354	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C355	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C356	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C357	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C358	2402-000130	C-AL,SMD;2.2uF,20%,50V,GP,TP,4.3x4.3x5.	
4	C359	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C360	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C361	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C362	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C363	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C364	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C365	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C366	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C367	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
4	C368	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C369	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C370	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C371	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C372	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C373	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C374	2203-000236	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,1608	
4	C375	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
4	C376	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C377	2203-006036	C-CERAMIC,CHIP;680NF,+80-20%,16V,Y5V,TP,	
4	C378	2203-001402	C-CERAMIC,CHIP;220nF,+80-20%,16V,Y5V,TP,	
4	C379	2203-006036	C-CERAMIC,CHIP;680NF,+80-20%,16V,Y5V,TP,	
4	C380	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C381	2203-001630	C-CERAMIC,CHIP;330nF,+80-20%,16V,Y5V,TP,	
4	C382	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C383	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C384	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C385	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C386	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C387	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C388	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C389	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C390	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C391	2402-000179	C-AL,SMD;47uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C392	2402-001033	C-AL,SMD;220uF,20%,16V,GP,TP,8.3x8.3x10	
4	C393	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C394	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C395	2402-000170	C-AL,SMD;1uF,20%,50V,GP,TP,4.3x4.3x5.4,	
4	C396	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C399	2402-000135	C-AL,SMD;22uF,20%,16V,GP,TP,5.3x5.3x5.4	
4	C400	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C401	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C402	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C403	2402-000176	C-AL,SMD;10uF,20%,16V,GP,TP,4.3x4.3x5.4	
4	C404	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C405	2402-001042	C-AL,SMD;100uF,20%,16V,GP,TP,6.6x6.6x5.4	
4	C411	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
4	C450	2402-000120	C-AL,SMD;10UF,20%,50V,GP,TP,6.6X6.6X5.4M	
4	C451	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
4	C452	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C453	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	C454	2402-000173	C-AL,SMD;4.7uF,20%,35V,GP,TP,4.3x4.3x5.	
4	C455	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
4	D302	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D303	0403-001169	DIODE-ZENER;RLZ16C,16,500mW,LL-34,TP	
4	D304	0403-001169	DIODE-ZENER;RLZ16C,16,500mW,LL-34,TP	
4	D305	0403-001169	DIODE-ZENER;RLZ16C,16,500mW,LL-34,TP	
4	D306	0403-001169	DIODE-ZENER;RLZ16C,16,500mW,LL-34,TP	
4	D308	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D309	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	D310	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	D311	0401-000133	DIODE-SWITCHING;RLS4148,100V,200MA,SOD-8	
4	FT120	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT200	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT201	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT202	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT203	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT204	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT205	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT206	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT207	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT208	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT209	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT210	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT211	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT212	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT213	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT214	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT215	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT216	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT217	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT218	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT219	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT220	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT221	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT222	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT223	2901-001119	FILTER-EMI SMD;25V,100mA,-,-,3.2x1.6x1,T	
4	FT300	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT301	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT302	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT303	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT304	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	FT305	3301-001404	CORE-FERRITE BEAD;AB,30ohm,20x1.25x1mm,2	
4	FT306	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT307	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	FT308	3301-001595	CORE-FERRITE BEAD;AB,1KOHM,7.0X6.0X4.5MM	
4	IC101	1002-001048	IC-A/D&D/A CONVERTER;PCF8591T,8BIT,SOP,1	
4	IC102	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
4	IC103	1001-001177	IC-VIDEO SWITCH;TEA6425D,VIDEO SWITCH ,S	
4	IC301	1203-002699	IC-POSI.FIXED REG.;78D05,DPAK,3P,6.6X6.1	
4	IC302	1203-001815	IC-POSI.FIXED REG.;78M09,TO-252,3P,-,PLA	
4	IC303	1204-001675	IC-SOUND PROCESSOR;MSP3451G,QFP,80P,-,PL	
4	IC304	1201-001681	IC-AUDIO AMP;1101,SOP,30P,433MIL,-,-,PLA	
4	IC305	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
4	IC306	1201-001495	IC-AUDIO AMP;7050,SOP,8P,150MIL,DUAL,26D	
4	IC307	1201-000541	IC-OP AMP;062,SOP,8P,153MIL,DUAL,6V/mV,P	
4	L100	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L101	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L102	3301-001202	CORE-FERRITE BEAD;AB,120ohm,4.5x3.2x1.3m	
4	L103	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L104	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L105	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L106	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L107	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L108	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L109	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L110	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L111	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L112	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L113	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L114	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L115	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L116	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L117	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L118	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L119	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L120	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L121	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L122	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L123	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L124	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L125	2703-000125	INDUCTOR-SMD;10uH,10%,1.25x2x1.25mm	
4	L126	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L127	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L128	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L129	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L130	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L131	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L132	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L133	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L134	3301-001593	CORE-FERRITE BEAD;AB,200OHM,2.0X1.2X1.3M	
4	L300	2703-002327	INDUCTOR-SMD;3.9UH,55,3.2X2.5X2.2MM	
4	L301	2703-002327	INDUCTOR-SMD;3.9UH,55,3.2X2.5X2.2MM	
4	L306	2703-002327	INDUCTOR-SMD;3.9UH,55,3.2X2.5X2.2MM	
4	L307	3301-001595	CORE-FERRITE BEAD;AB,1KOHM,7.0X6.0X4.5MM	
4	L308	3301-001595	CORE-FERRITE BEAD;AB,1KOHM,7.0X6.0X4.5MM	
4	L350	2703-002327	INDUCTOR-SMD;3.9UH,55,3.2X2.5X2.2MM	
4	PCB	AA41-00806B	PCB-ANALOG B/D;PS42P3S,FR-4,4L,B,1.6T,18	S.N.A
4	Q101	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q103	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q104	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q105	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q106	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q107	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q108	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q109	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q110	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q300	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q301	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q302	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	Q303	0501-000344	TR-SMALL SIGNAL;KSC1623-G,NPN,200mW,SOT-	
4	R100	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R101	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R102	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R103	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R105	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
4	R106	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
4	R107	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R108	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R109	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R110	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R111	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R112	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R113	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R114	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R115	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R116	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R117	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R118	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R119	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R120	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R121	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R122	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R123	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R124	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R125	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R127	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R129	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R131	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R132	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R133	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R134	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R135	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R136	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R137	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R138	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R139	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R140	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R141	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R142	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R143	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R144	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R145	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R146	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
4	R147	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R148	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R149	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R150	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R151	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R152	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R153	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R154	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R155	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R156	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R157	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	R158	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R159	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R160	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R161	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R162	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R165	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R166	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R167	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R168	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R169	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R170	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R171	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
4	R172	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R173	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R174	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R175	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R176	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R177	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R178	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R179	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R180	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R181	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R182	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R183	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R184	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R185	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R186	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
4	R187	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R188	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R189	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R190	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R1901	2007-000729	R-CHIP;300ohm,5%,1/16W,DA,TP,1608	
4	R1902	2007-000729	R-CHIP;300ohm,5%,1/16W,DA,TP,1608	
4	R1903	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R1904	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R191	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R1910	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R1911	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R192	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R193	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R194	2007-001167	R-CHIP;75ohm,5%,1/16W,DA,TP,1608	
4	R195	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R196	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R197	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R198	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R300	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R301	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R302	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R303	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
4	R304	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R305	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R306	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
4	R307	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R308	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R309	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R310	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R312	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R313	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R314	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R315	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R316	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
4	R317	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R318	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R319	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
4	R320	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R321	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
4	R322	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R323	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
4	R324	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
4	R325	2007-000329	R-CHIP;11Kohm,5%,1/16W,DA,TP,1608	
4	R326	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
4	R327	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R328	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608	
4	R329	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R330	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
4	R331	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R332	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R333	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R335	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R336	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
4	R338	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
4	R339	2007-000211	R-CHIP;1.1Kohm,5%,1/16W,DA,TP,1608	
4	R340	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R341	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R342	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R343	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R344	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R346	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
4	R347	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
4	R348	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
4	R349	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R350	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R351	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R352	2007-001010	R-CHIP;51Kohm,5%,1/16W,DA,TP,1608	
4	R353	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
4	R354	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R355	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R356	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R357	2007-000234	R-CHIP;1.3Kohm,5%,1/16W,DA,TP,1608	
4	R358	2007-000234	R-CHIP;1.3Kohm,5%,1/16W,DA,TP,1608	
4	R359	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
4	R360	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R361	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R362	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R363	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R364	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
4	R365	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R366	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R367	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R368	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R369	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R370	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
4	R371	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R372	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R373	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
4	R380	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R381	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
4	R382	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	R383	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
4	R384	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R385	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
4	R390	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
4	X301	2801-003843	CRYSTAL-SMD;18.432MHz,30ppm,28-AAN,20pF,	
4	ZD101	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD102	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD103	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD104	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD105	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD106	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD107	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD108	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD109	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD110	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD111	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD112	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD113	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD114	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD115	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD116	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD117	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD118	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD119	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD120	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD121	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD122	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD123	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD124	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD125	0403-001048	DIODE-ZENER;BZX84C16,16V,15.3-17.1V,225m	
4	ZD126	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD127	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD128	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD129	0403-001048	DIODE-ZENER;BZX84C16,16V,15.3-17.1V,225m	

Level	Loc. No.	Code No.	Description ; Specification	Remark
4	ZD160	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD305	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
4	ZD306	0403-001052	DIODE-ZENER;RD8.2MB,8.2V,7.7-8.64V,200mW	
3		BN63-00371A	SHIELD-CASE,TUNER;42P3,SPTE,T0.5	S.N.A
3		BN63-00469A	SHIELD-CASE,ANALOG;42P3,SPTE,T0.5	S.N.A
3		BN63-00274A	SHIELD-CASE,BOT;42P3,SPTE,T0.5	S.N.A
2		AA39-00112D	LEAD CONNECTOR-ASSY;PDP,UL1007#26,UL/CSA	
2		AA39-00120H	LEAD CONNECTOR-ASSY;SIR-T165,UL1007#26,U	

ASSY COVER REAR

1		BN90-00389B	ASSY COVER REAR;PS42P3SX/XEC	S.N.A
2		BN96-00313A	ASSY COVER P-BACK,SUB;SPD-42P3H	S.N.A
3		BN72-00324P	SPONGE-EMI;42P3,SHIELD-FORM,,T1.5,D4,L18	S.N.A
3		BN72-00324N	SPONGE-EMI;42P3,SHIELD-FORM,,T4.0,D20,L3	S.N.A
3		BN72-00324M	SPONGE-EMI;50P3H,SHIELD-FORM,,0.1,15,60,	S.N.A
3		AA63-60122Q	SPACER-FELT;P3,FELT,L65,,,,T0.5,D30,	S.N.A
3		BN63-00530A	COVER-BACK,SUB;42P3H,AL 5051,T1.2	S.N.A
3		BN61-00319A	BRACKET-POWER;50P3H,SECC,T1.5	S.N.A
2		BN96-00314A	ASSY COVER P-BACK;42P3H,AL 5052,T1.2	S.N.A
3		BN61-00202A	BRACKET-HANDLE;42P3S,AL5052,T1.5,DGM-S81	S.N.A
3		BN63-00529A	COVER-BACK;42P3H,AL 3031,T1.2	S.N.A
3		BN64-00126A	INLAY-SHIELD;42P3,PC SHEET V2,T0.3,BLK	S.N.A
2		BN96-00286B	ASSY MISC P-BRACKET,TERMINAL;PS50P3H,D57	S.N.A
3		BN61-00318B	BRACKET-TERMINAL;PS50P3H,AL 5051,T1.0	S.N.A
3		BN72-00332A	SPONGE-EMI,ANALOG;PS42P3S,SHIELD-FORM,T0	S.N.A
3		BN72-00333A	SPONGE-EMI,DIGITAL;PS42P3S,SHIELD-FORM,T	S.N.A

ASSY P/MATERIAL

1		BN92-00553B	ASSY P/MATERIAL;SPD-42P3H	S.N.A
2		AA69-00744F	BAG-SHEET;-,HDPE PE FOAM,T0.015,W1400,H1	S.N.A
2		AA63-10007C	BAND-PP;W18,CLEA,1G	S.N.A
2		AA61-20285A	HOLDER-BOX;3456,PP,-,-,-,WHT,VO	S.N.A
2		AA60-40006A	PIN-STAPLE;AUTO,33X17.8X2.4,H18,33X17.8X	S.N.A

ASSY ACCESSORY

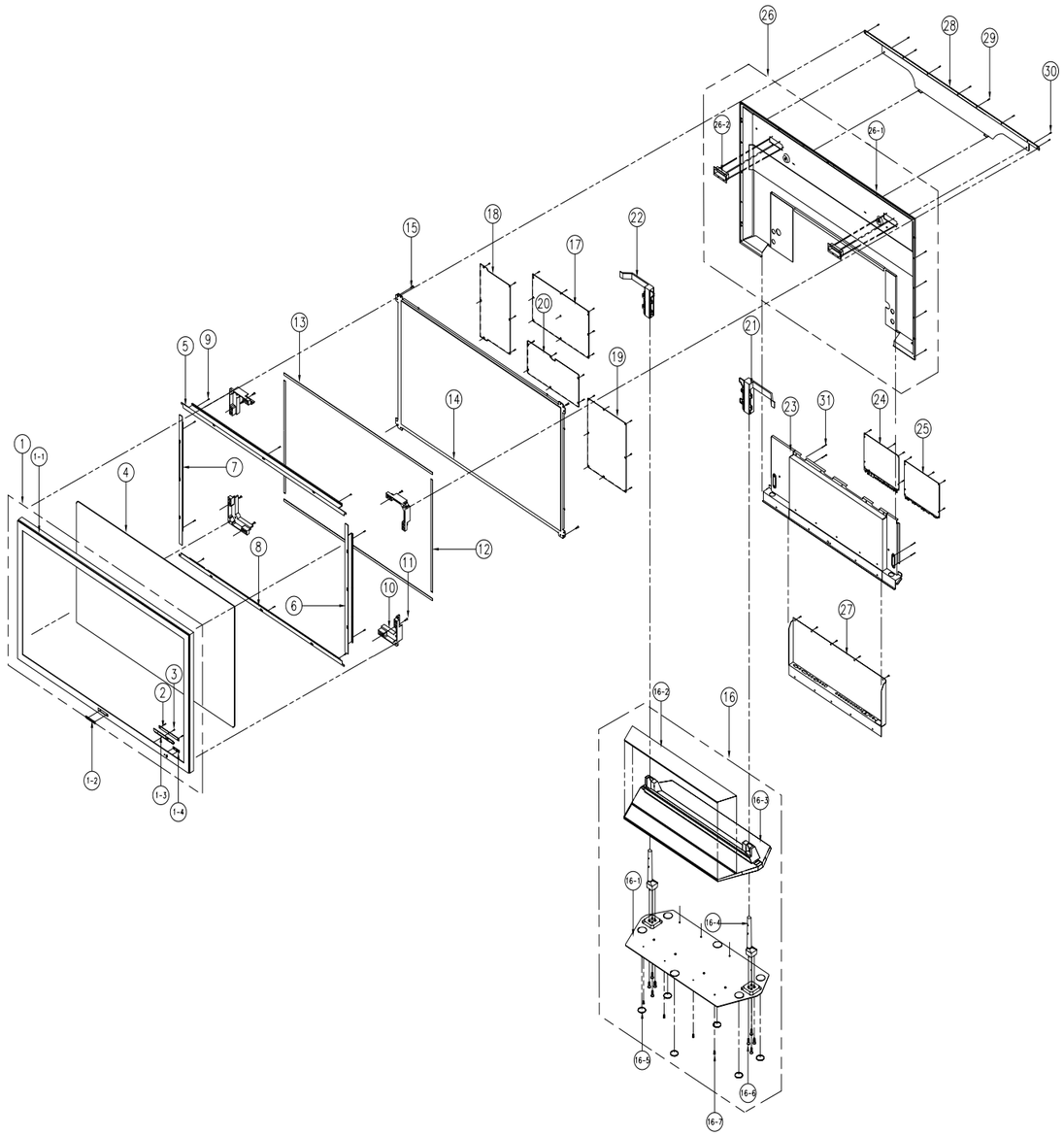
1		BN92-00652G	ASSY ACCESSORY;PS42P3SX/XEC	S.N.A
2	1	6801-001020	CARD-REGISTRATION;XEP,PORTUGAL,MOJO100,L	S.N.A
2	1	6801-001019	CARD-REGISTRATION;XEN,DUTCH,MOJO100,L150	S.N.A
2	1	6801-001017	CARD-REGISTRATION;XEC,SPANISH,MOJO100,L1	S.N.A
2	1	6801-001016	CARD-REGISTRATION;XEF,FRENCH,MOJO100,L15	S.N.A
2	1	6801-001015	CARD-REGISTRATION;XEG,GERMAN,MOJO100,L15	S.N.A
2	1	6801-001014	CARD-REGISTRATION;XEU,ENG,MOJO100,L150,W	S.N.A
2	SPK	BN39-00315A	LEAD CONNECTOR;D54A/SPD-42P3S,UL1007#24,	
2		6902-000018	BAG PE;LDPE,T0.1,W280,L400,GRY,8,2-	S.N.A
2		3301-001305	CORE-FERRITE;AE,30X15X34(39)MM,1500,2800	
2		3301-001110	CORE-FERRITE;ZZ,35x19.5x9.0mm,-,-	
2		BN39-00360A	CBF IF-RF CABLE;PS50P3H,1P,3C-2V,3000mm,	S.N.A
2		BN39-00360B	CBF IF-RF CABLE;PS50P3H,1P,3C-2V,5000mm,	S.N.A
2		BN68-00379A	MANUAL USERS;PS42P3S/PS50P3H,EN/GE/FR/DU	
2		6801-001018	CARD-REGISTRATION;XET,ITALY,MOJO100,L150	S.N.A
2		BN69-00428A	BOX-ACCESSORY;PDP,CB SW-1,E,YEL,KSD-21,5	S.N.A
2		4301-000103	BATTERY-ALKALINE;1.5V,750mAH,AAA,10.5x44	
2		AA39-00034B	CABLE RCA;PS42P2S,NON-UL,2P/2P,2000MM,RE	
⚠ 2		AA39-00199A	CBF POWER CORD;SPD-42P1S,LP-34A,NF USE 1	
2		AA39-00288A	CBF SIGNAL;HPL5025M,15P/15P,2990,1830MM,	
2		AA39-00300A	CABLE RCA;PS42P2S,NON-UL,1P/1P,2000MM,YE	
2		AA39-40001E	CABLE RCA-S.VHS;,1500MM	
2		AA59-00268C	REMOCON;,TM63,PDP,52,G6671B,TTX,E/X	

MEMO

3. Exploded View & Parts List

3-1 PS42P3SX/XEC

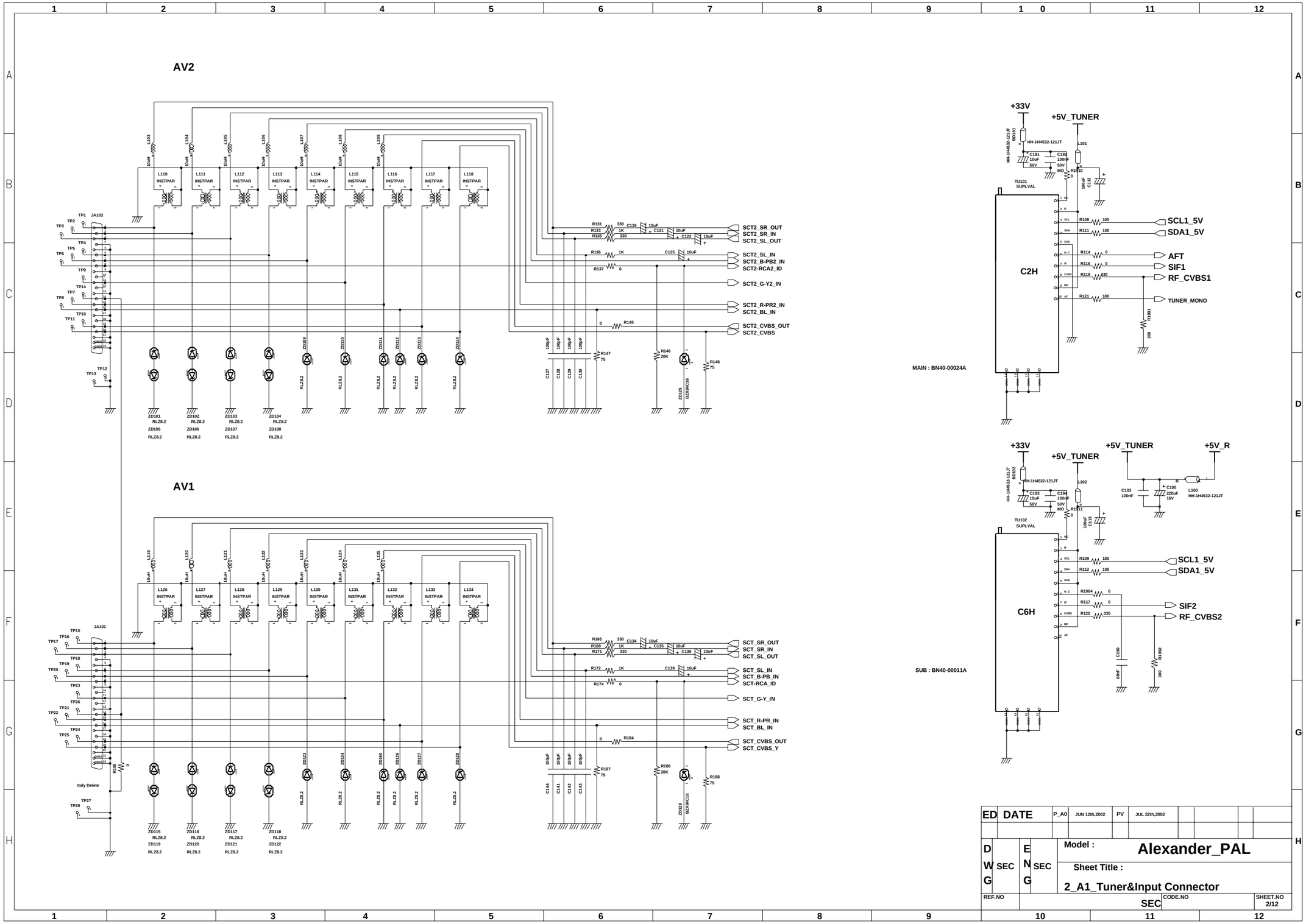
You can search for the updated part code through ITSELF web site.
URL : http://itself.sec.samsung.co.kr



No	Code No	Description;Specification	Q'ty	S.N.A
1	BN96-00135E	ASSY COVER P-FRONT;PS42P3(GUJU),HIPS HB	1	
1-1	BN64-00071E	CABINET-FRONT;PS42P3(GUJU),HIPS HB,BLM12	1	S.N.A
1-2	BP64-00198A	BADGE-BRAND;PJLCD,AL,T1.5,68,11.5,,DGN-S	1	S.N.A
1-3	BP64-00045A	KNOB CONTROL;42P3S,ABS,HB,BLK,SVM3074MG	1	
1-4	BN64-00074B	WINDOW-REMOTE;42P3S,PMMA,,,,,,CLEAR	1	S.N.A
2	BN94-00452A	ASSY PCB MISC-CONTROL;PS42P3SX,D53A,PAL	1	
3	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	3	S.N.A
4	BN64-00122A	SCREEN-EMI,FILTER;FILTER,42P3,984*584,T3	1	
5	BN61-00244C	BRACKET-FILTER,TOP ASSY;42P3S,AL5052,T1.	1	S.N.A
6	BN61-00144A	BRACKET-FILTER,SIDE;42P3S,AL5052,T1.2	1	S.N.A
7	BN61-00309A	BRACKET-FILTER SIDE,R ASS'Y;42P3,AL5052,	1	S.N.A
8	BN61-00246B	BRACKET-FILTER,BOT ASSY;42P3S,AL5052,T1.	1	S.N.A
9	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	10	S.N.A
10	BN61-00141A	HOLDER-MODULE;42P3,AL,DIECASTING	4	S.N.A
11	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	8	S.N.A
12	AA60-00110C	SPACER-FILTER;42P2,P/U V0,L,BLK	2	S.N.A
13	AA60-00110D	SPACER-FILTER;42P2,P/U V0,L,BLK	2	S.N.A
14	BN96-00325A	ASSY PDP P-MODULE;M3,S42SD-YD03,D54A,S2.	1	
15	6006-001126	SCREW-ASS'Y MACH;WSP,PH,+,M5,L12,NI PLT,	4	
16	BN96-00137A	ASSY COVER P-STAND BASE;42P3S,AL 5052,T1	1	
16-1	BN61-00221A	BRACKET-STAND;42P3,SECC,T3.0	1	S.N.A
16-2	BN64-00107A	DECORATION-STAND;42P3,AL 5052,T1.0	1	S.N.A
16-3	BN67-00066A	STAND RACK-TOP;42P3,BLK	1	S.N.A
16-4	BN67-00067A	STAND RACK-BAR;42P3,DIE CASTING	2	S.N.A
16-5	BN73-00029A	RUBBER-FOOT;TR42PND,CR RUBBER,T4.0	6	S.N.A
16-6	6006-001112	SCREW-ASS'Y MACH;WP,PH,+,M8,L16,ZPC(BLK)	4	
16-6	6006-001112	SCREW-ASS'Y MACH;WP,PH,+,M8,L16,ZPC(BLK)	8	
16-7	6003-001020	SCREW-TAPTITE;RH,+,B,M4,L10,ZPC(YEL),SWR	8	S.N.A
17	BN96-00249A	ASSY PDP P-SMPS;,SPD-50P3H,D57A,50HD,445	1	
18	BN96-00257A	ASSY PDP P-PBA,Y MAIN;,SPD-42P3,D54A,42I	1	
19	BN96-00256A	ASSY PDP P-PBA,X MAIN;,SPD-42P3,D54A,42I	1	
20	BN96-00430A	ASSY PDP P-PBA,L MAIN;M3,S42SD S2.0, 79mm	1	
21	BN61-00212A	GUIDE-STAND,R;42P3S,AL, DIECASTING	1	
22	BN96-00313A	ASSY COVER P-BACK,SUB;SPD-42P3H	1	S.N.A
23	BN94-00416A	ASSY PCB MISC-ANALOG;PS-42P3S,D56A	1	
24	BN94-00415A	ASSY PCB MISC-DIGITAL;PS-42P3S,D56A	1	
25	BN96-00314A	ASSY COVER P-BACK;42P3H,AL 5052,T1.2	1	S.N.A
25-1	BN63-00529A	COVER-BACK;42P3H,AL 3031,T1.2	1	S.N.A
25-2	BN61-00202A	BRACKET-HANDLE;42P3S,AL5052,T1.5,DGM-S81	2	S.N.A
26	BN96-00286B	ASSY MISC P-BRACKET,TERMINAL;PS50P3H,D57	1	S.N.A
27	BN64-00143B	DECORATION-BACK;SPD-42P3H,PC+ABS,5V,DG-8	1	S.N.A
28	6003-001026	SCREW-TAPTITE;RH,+,B,M4,L15,ZPC(BLK),SWR	9	S.N.A
29	6001-000059	SCREW-MACHINE;TH,+,M4,L10,ZPC(BLK),SWRCH	2	S.N.A
30	6006-001121	SCREW-ASS'Y MACH;WSP,PH,+,M4,L25,ZPC(BLK	4	

4. Schematic Diagrams

4-1 Tuner&Input Connector

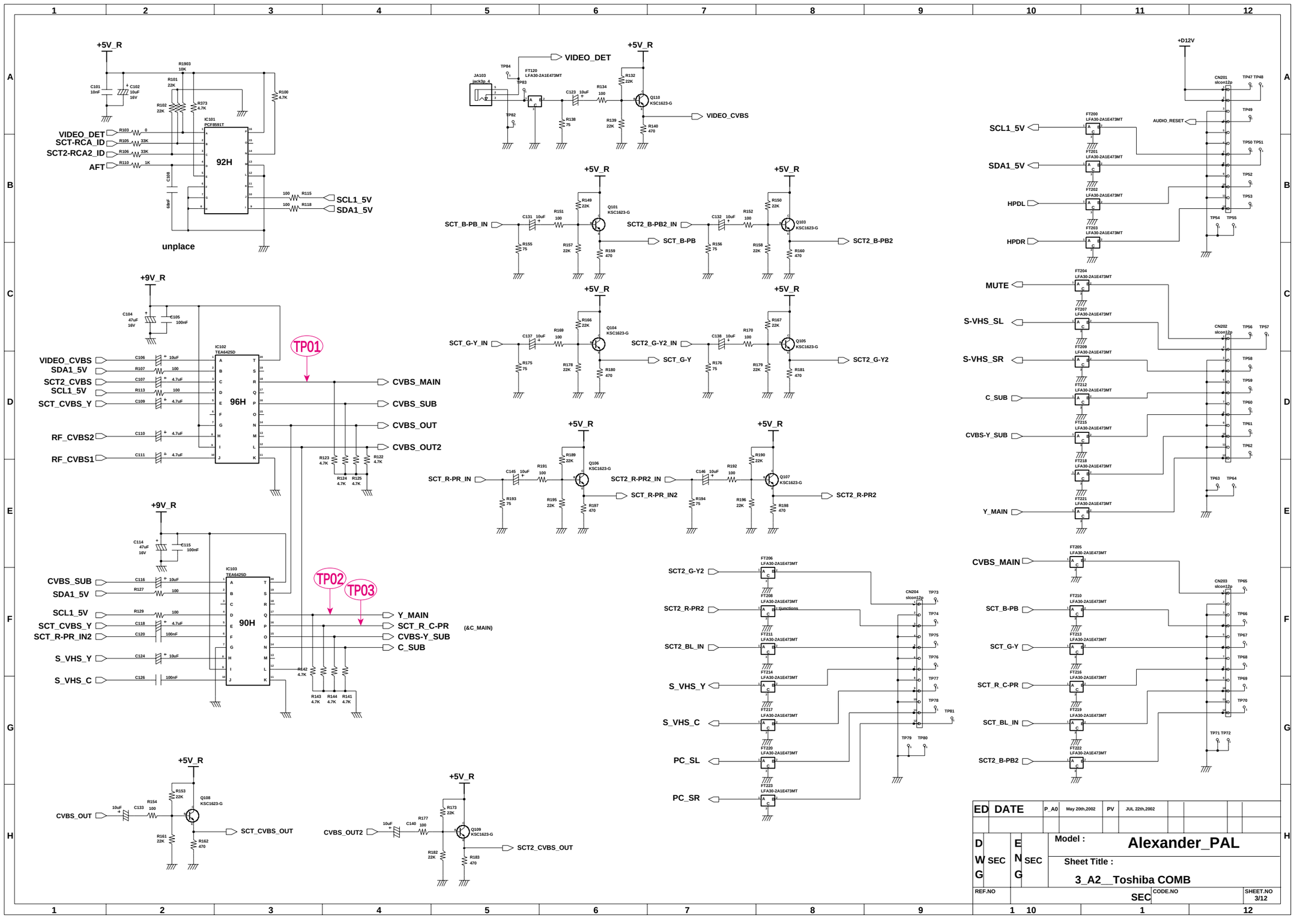


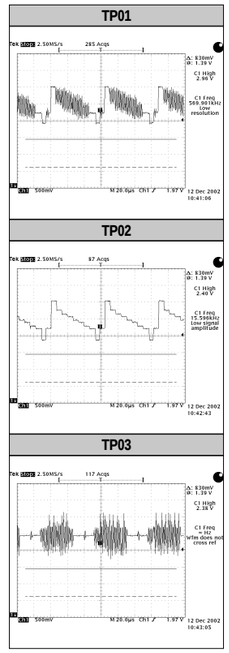
ED	DATE	P_A0	JUN 12th,2002	PV	JUL 22th,2002				

DWG	SEC	ENG	SEC	Model : Alexander_PAL
				Sheet Title : 2_A1_Tuner&Input Connector

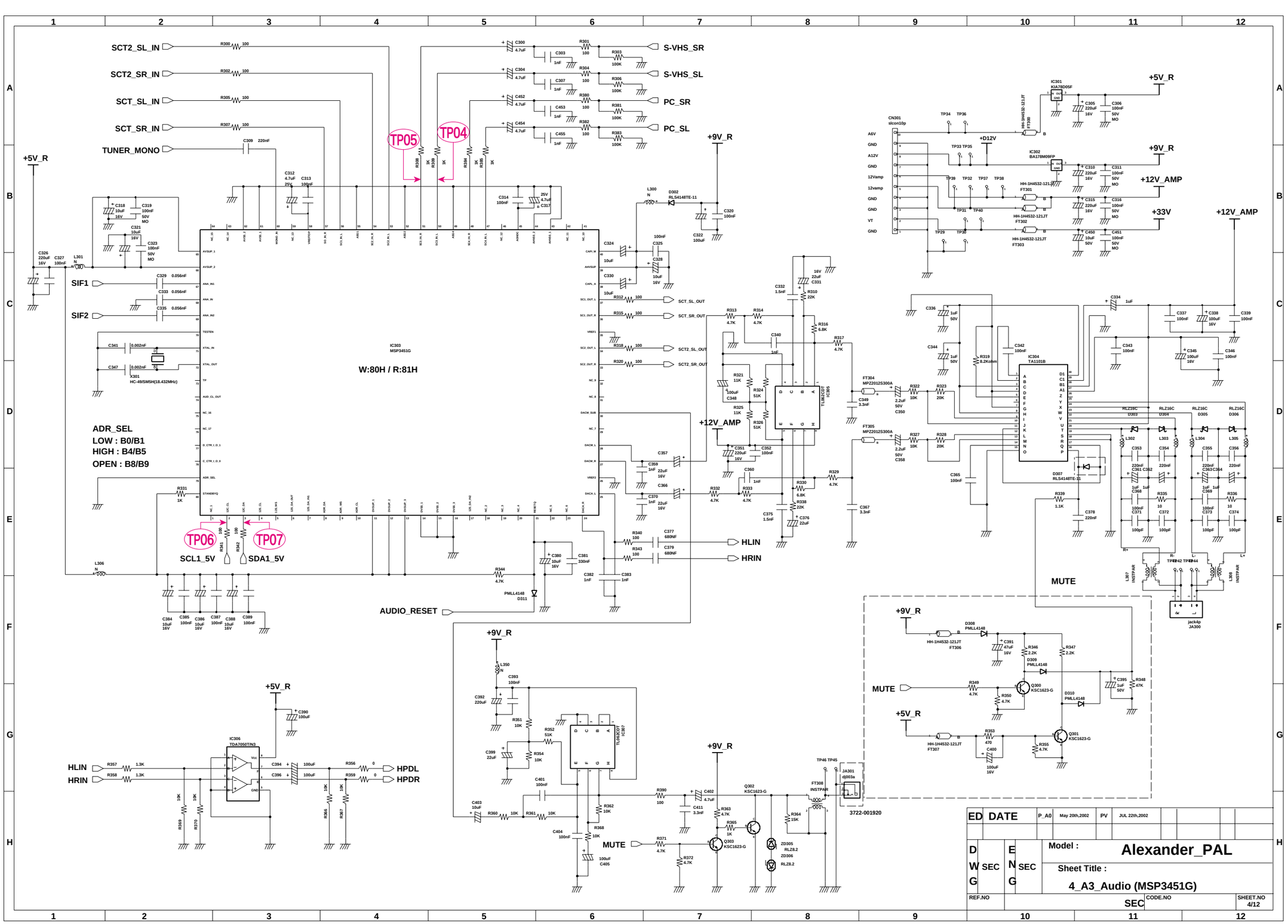
REF.NO	SEC	CODE.NO	SHEET.NO 2/12

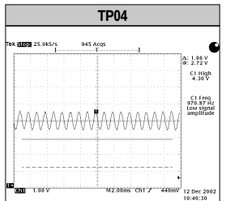
4-2 Toshiba COMB

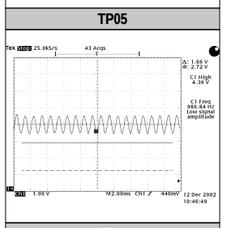


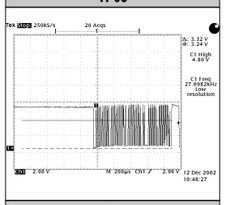


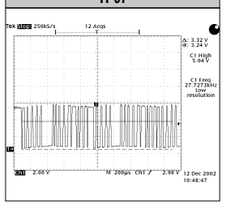
4-3 Audio (MSP3451G)



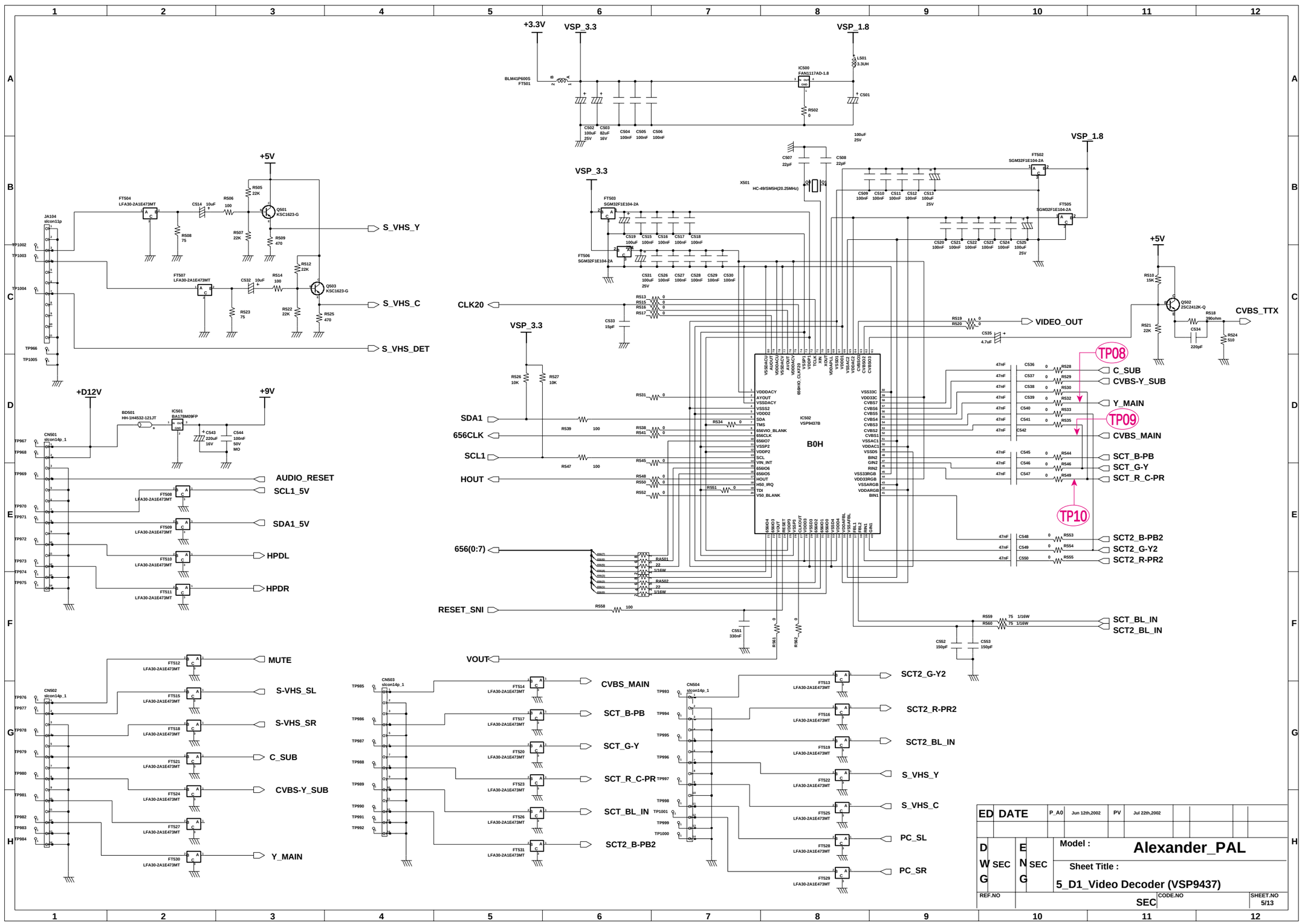


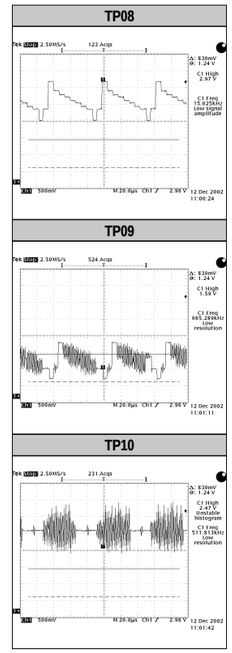




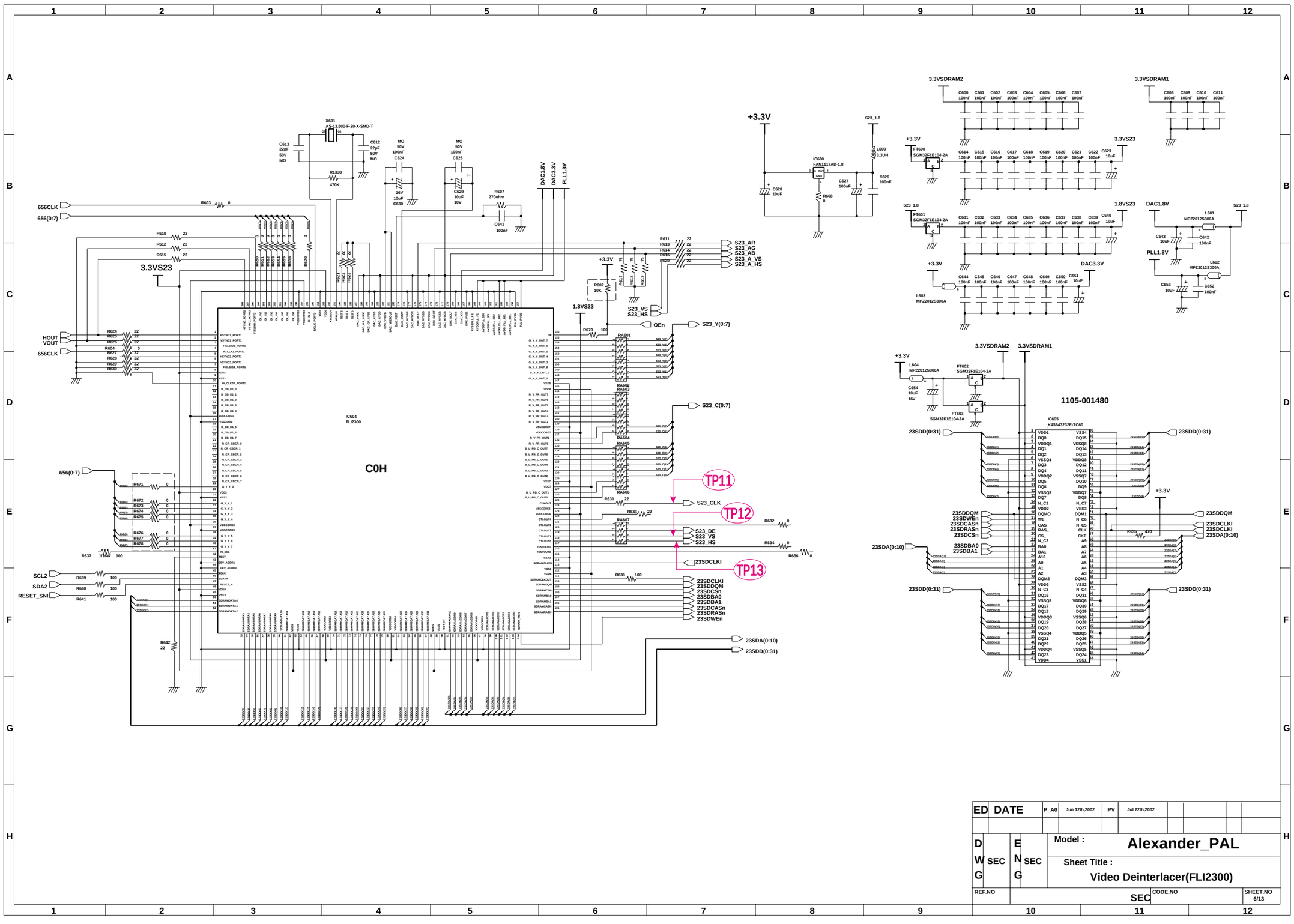


4-4 Video Decoder (VSP9437)





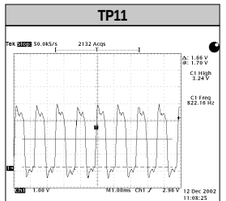
4-5 Video Deinterlacer(FLI2300)

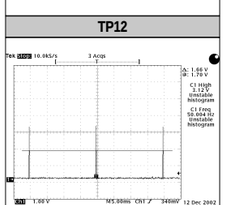


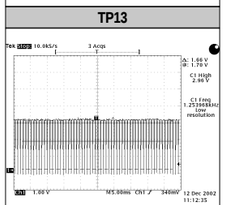
ED	DATE									
		P_A0	Jun 12th,2002	PV	Jul 22th,2002					

DWG	SEC	ENG	SEC	Model : Alexander_PAL
				Sheet Title : Video Deinterlacer(FLI2300)

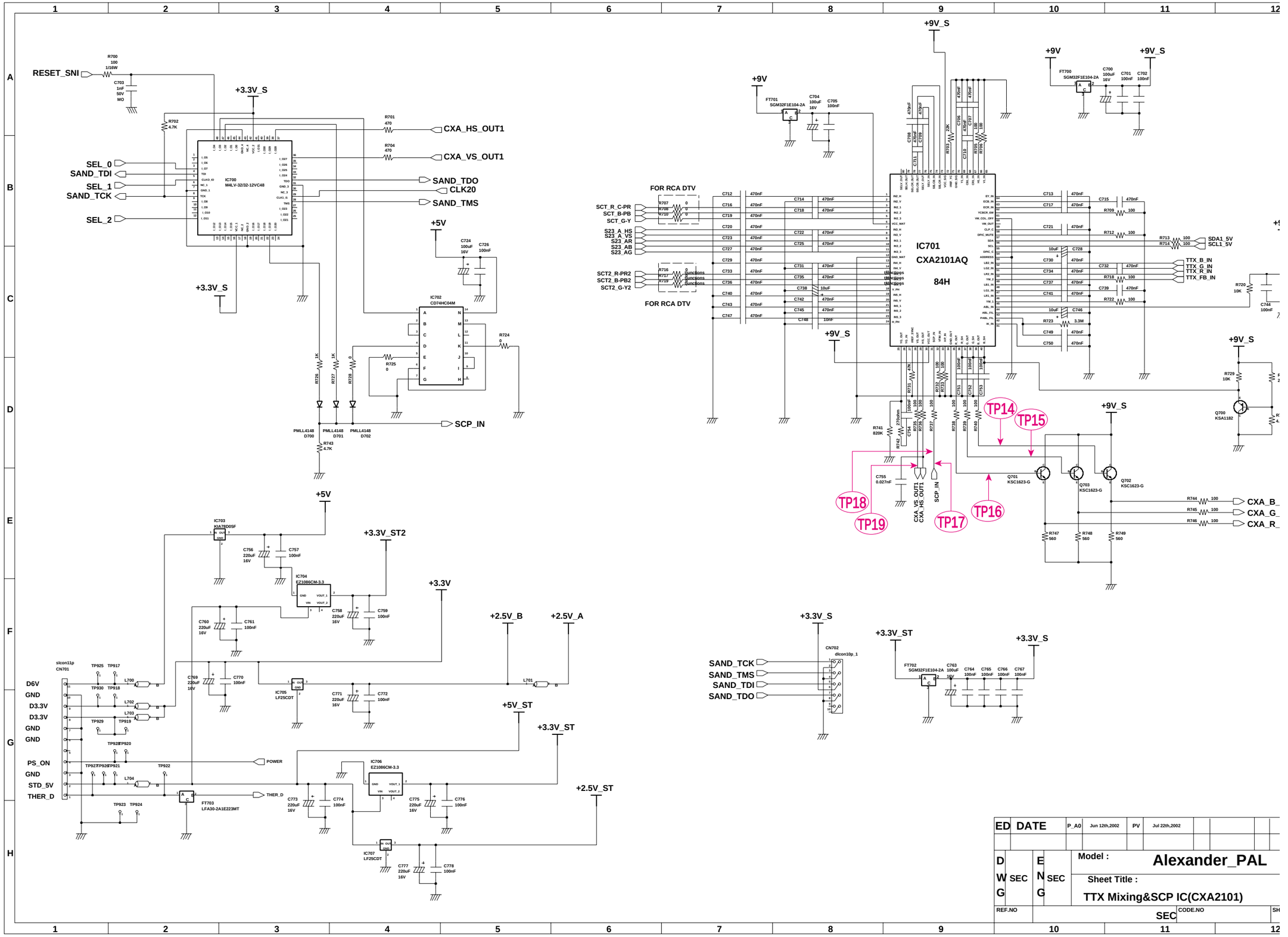
REF.NO	CODE.NO	SHEET.NO
	SEC	6/13



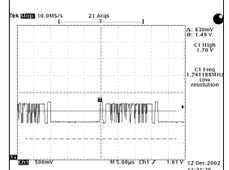




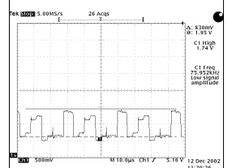
4-6 TTX Mixing&SCP IC(CXA2101)



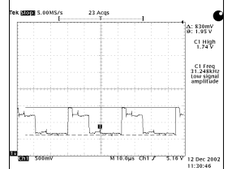
TP14



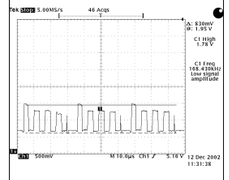
TP15



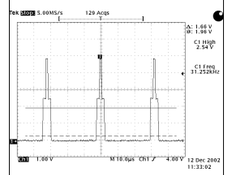
TP16



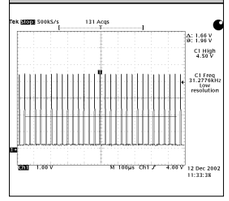
TP17



TP18

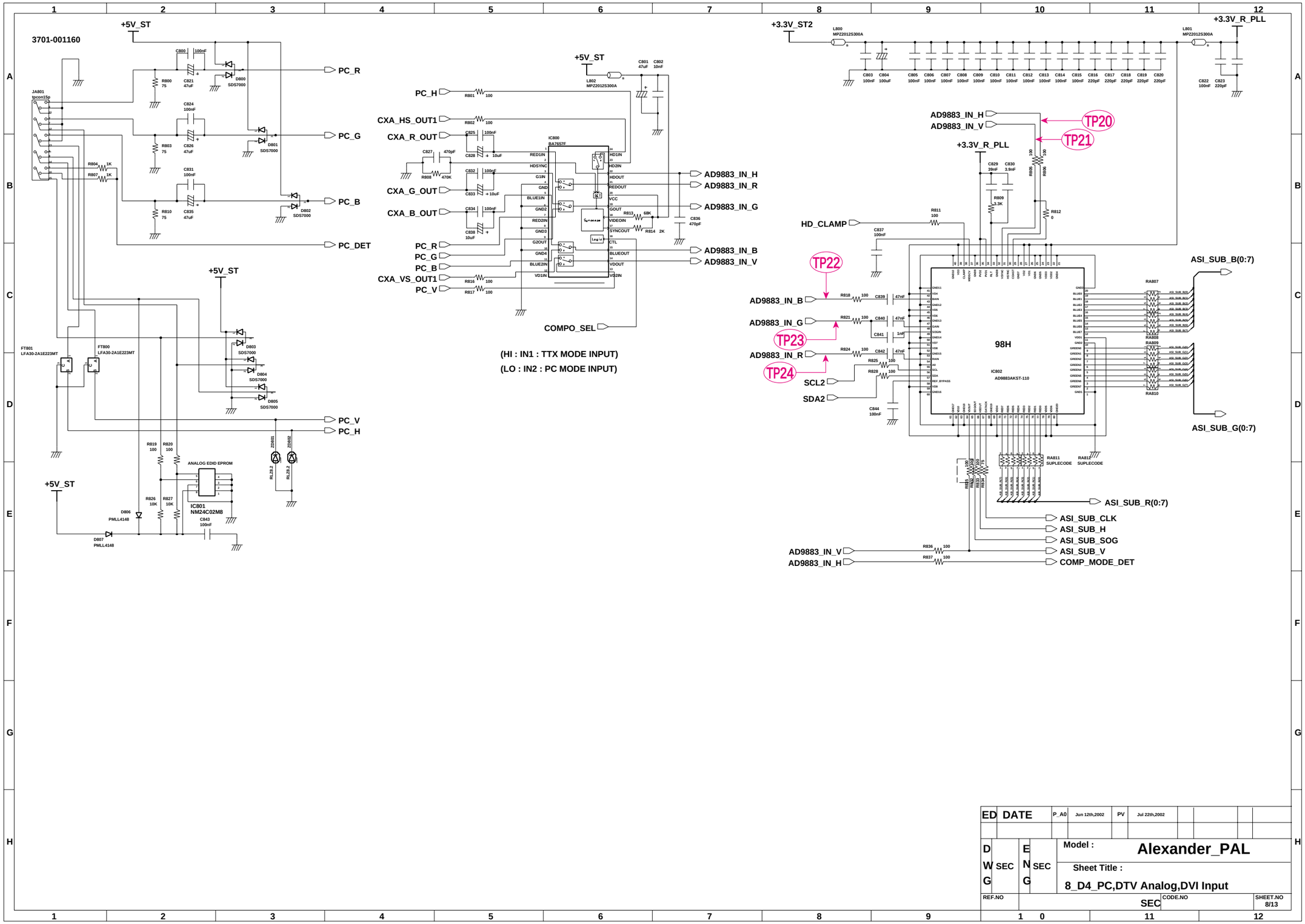


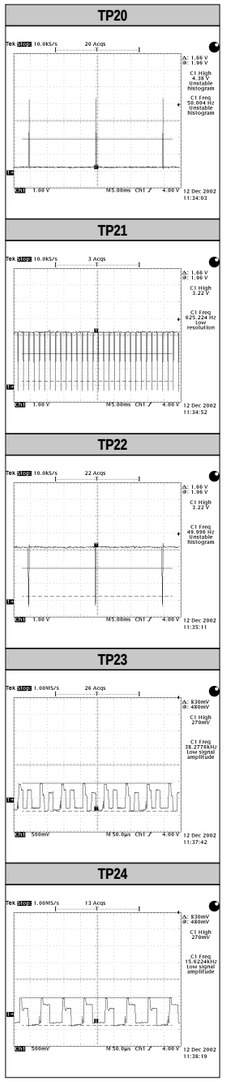
TP19



ED	DATE	P_A0	Jun 12th,2002	PV	Jul 22th,2002
DWG	SEC	ENG	SEC	Model :	Alexander_PAL
				Sheet Title :	TTX Mixing&SCP IC(CXA2101)
REF.NO				SEC	CODE.NO

4-7 PC,DTV Analog,DVI Input





ED	DATE									
		P_A0	Jun 12th,2002	PV	Jul 22th,2002					

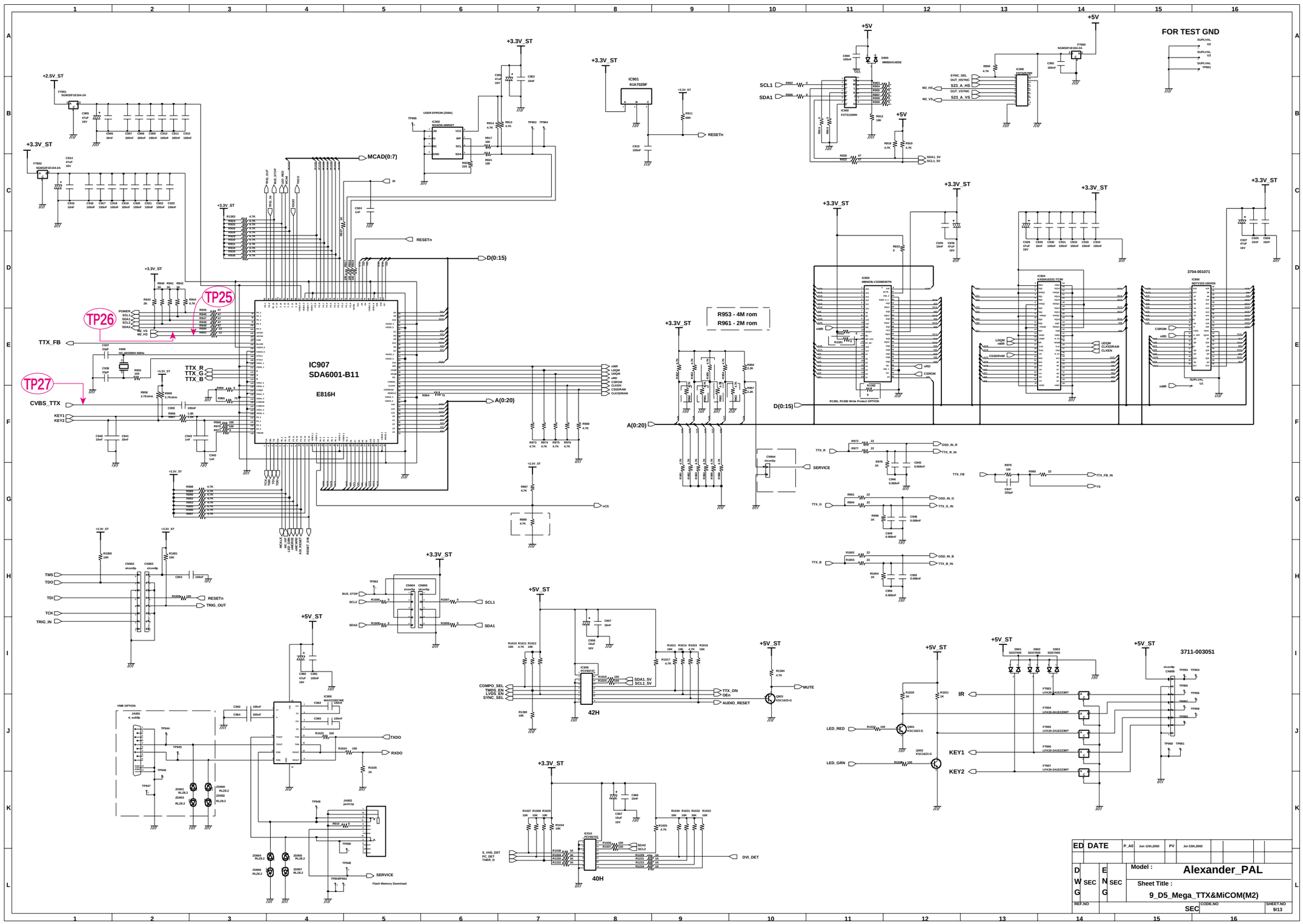
DWG	SEC	ENG	SEC

Model : **Alexander_PAL**

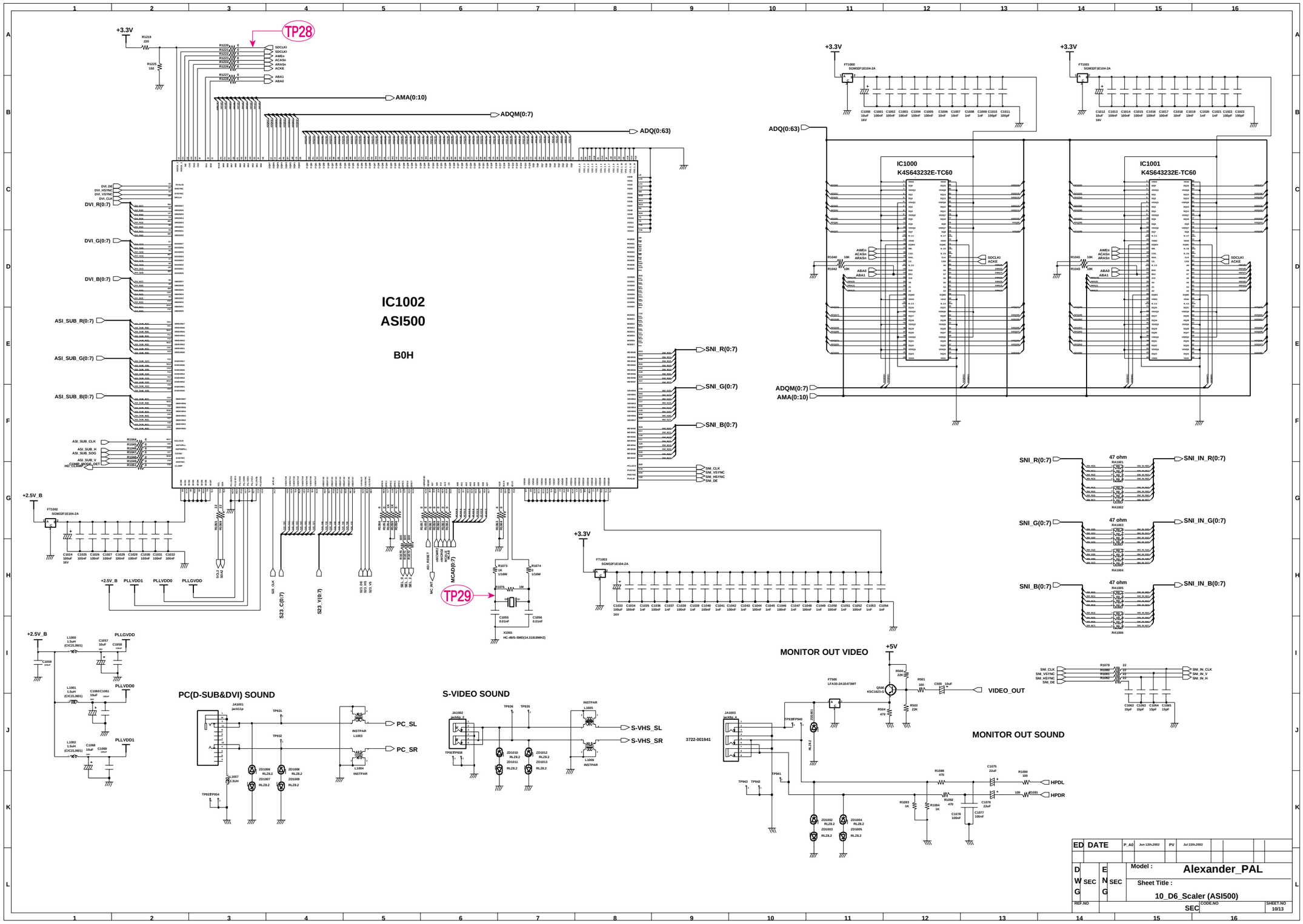
Sheet Title : **8_D4_PC,DTV Analog,DVI Input**

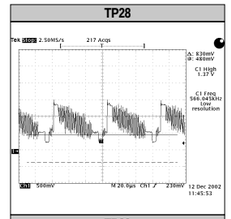
REF.NO		CODE.NO	SHEET.NO
	SEC		8/13

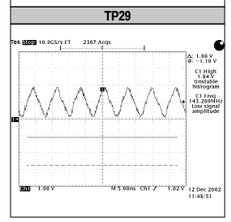
4-8 Mega_TTX&MiCOM(M2)



4-9 Scaler (ASI500)

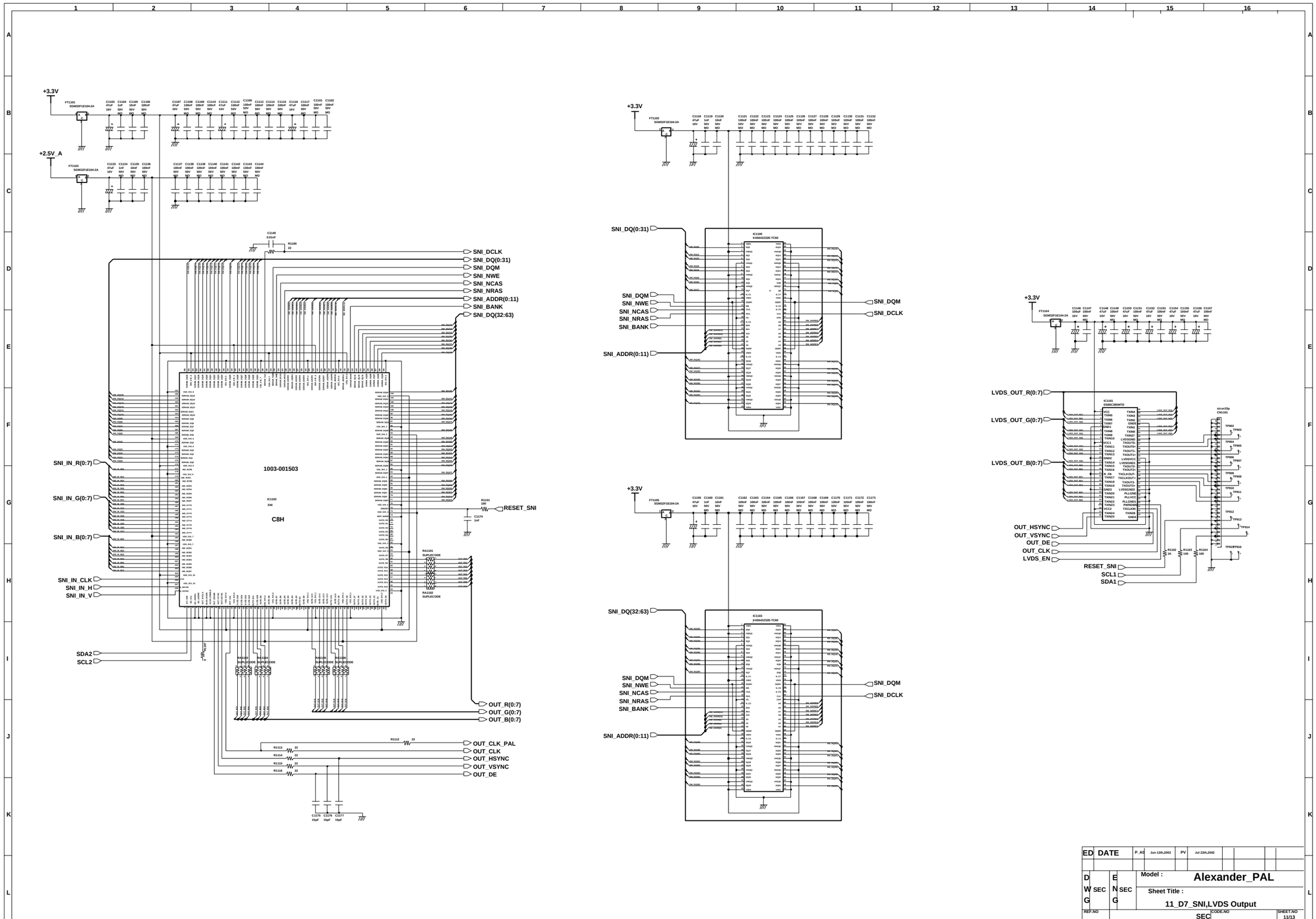




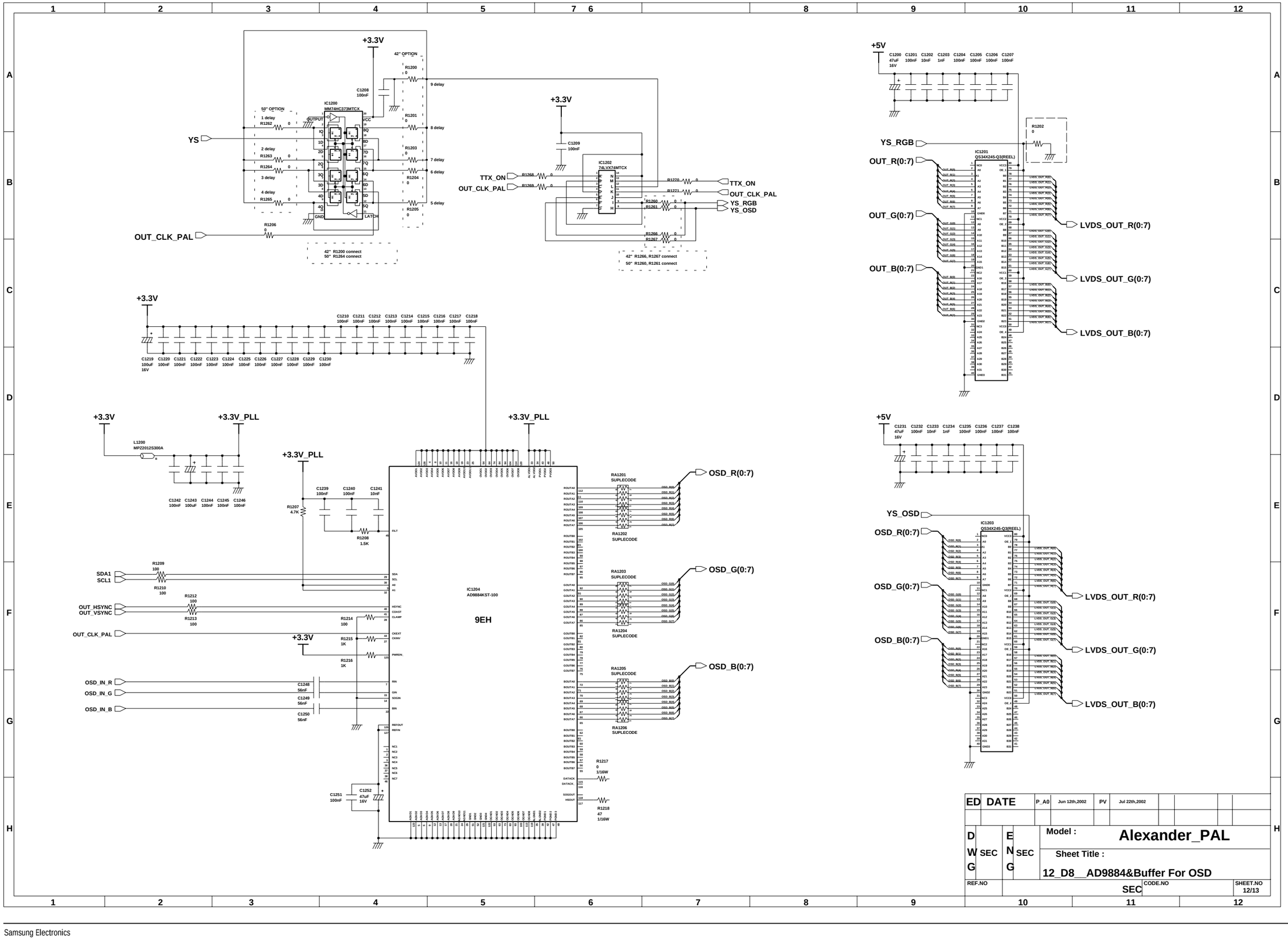


ED	DATE	P_A0	Jun 12th,2002	PV	Jul 22th,2002
DWG	SEC	ENG	SEC	Model : Alexander_PAL	
				Sheet Title : 10_D6_Scaler (ASI500)	
REF.NO			SEC	CODE.NO	SHEET.NO 10/13

4-10 SNI,LVDS Output

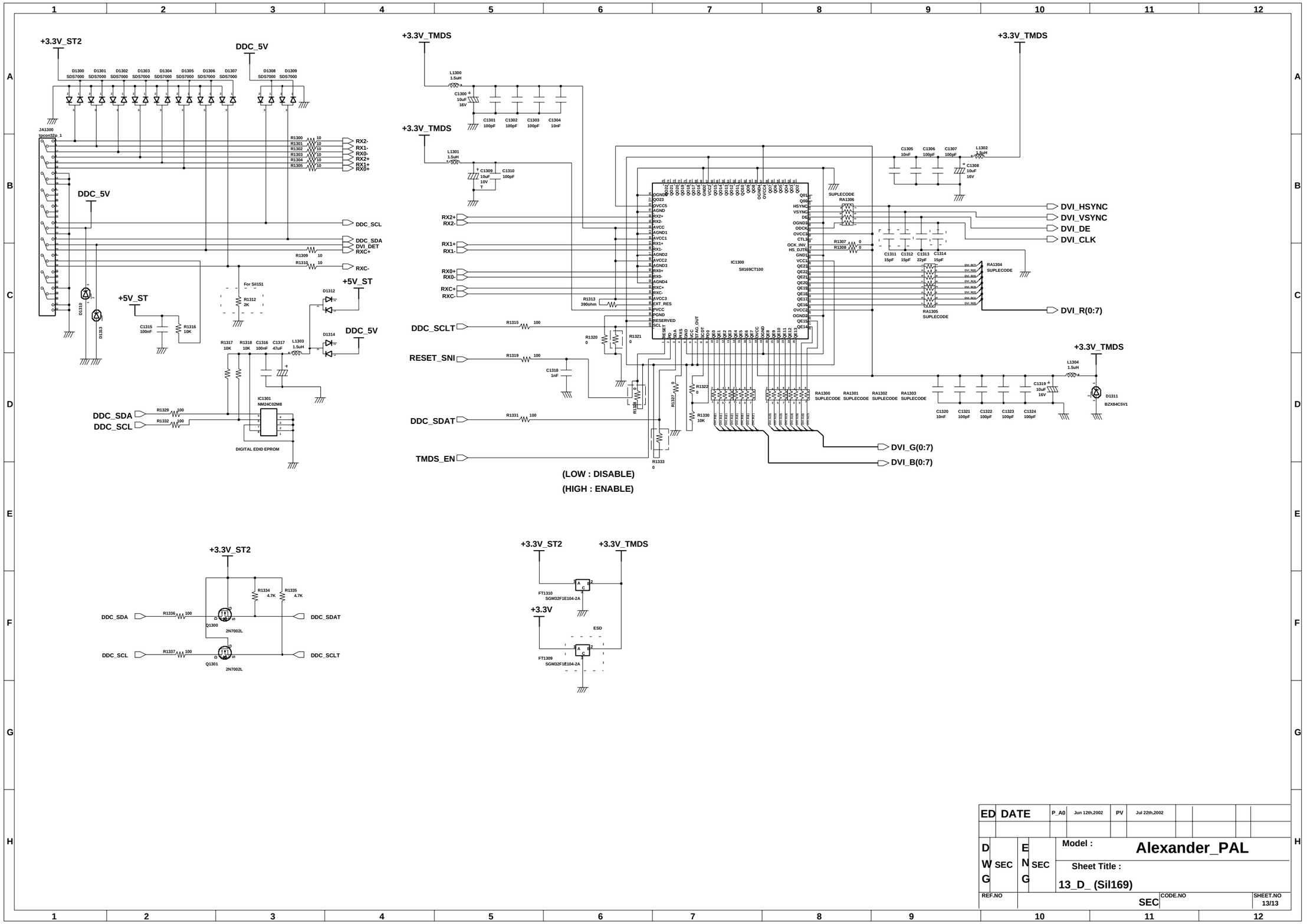


4-11 AD9884&Buffer For OSD



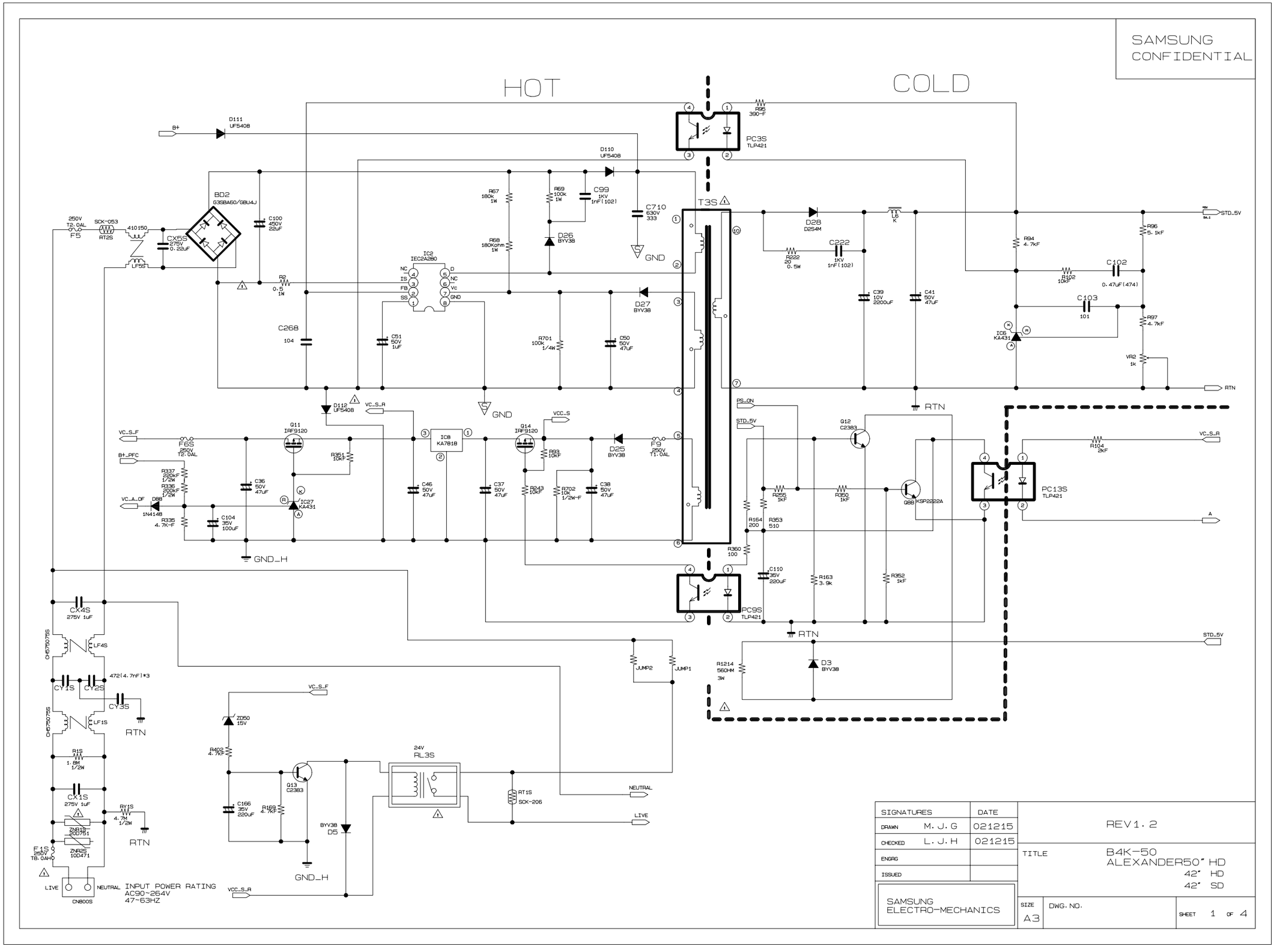
ED	DATE	P_A0	Jun 12th,2002	PV	Jul 22th,2002				
DWG	SEC	ENG	SEC	Model : Alexander_PAL					
				Sheet Title : 12_D8__AD9884&Buffer For OSD					
REF.NO				SEC	CODE.NO		SHEET.NO 12/13		

4-12 Sil169

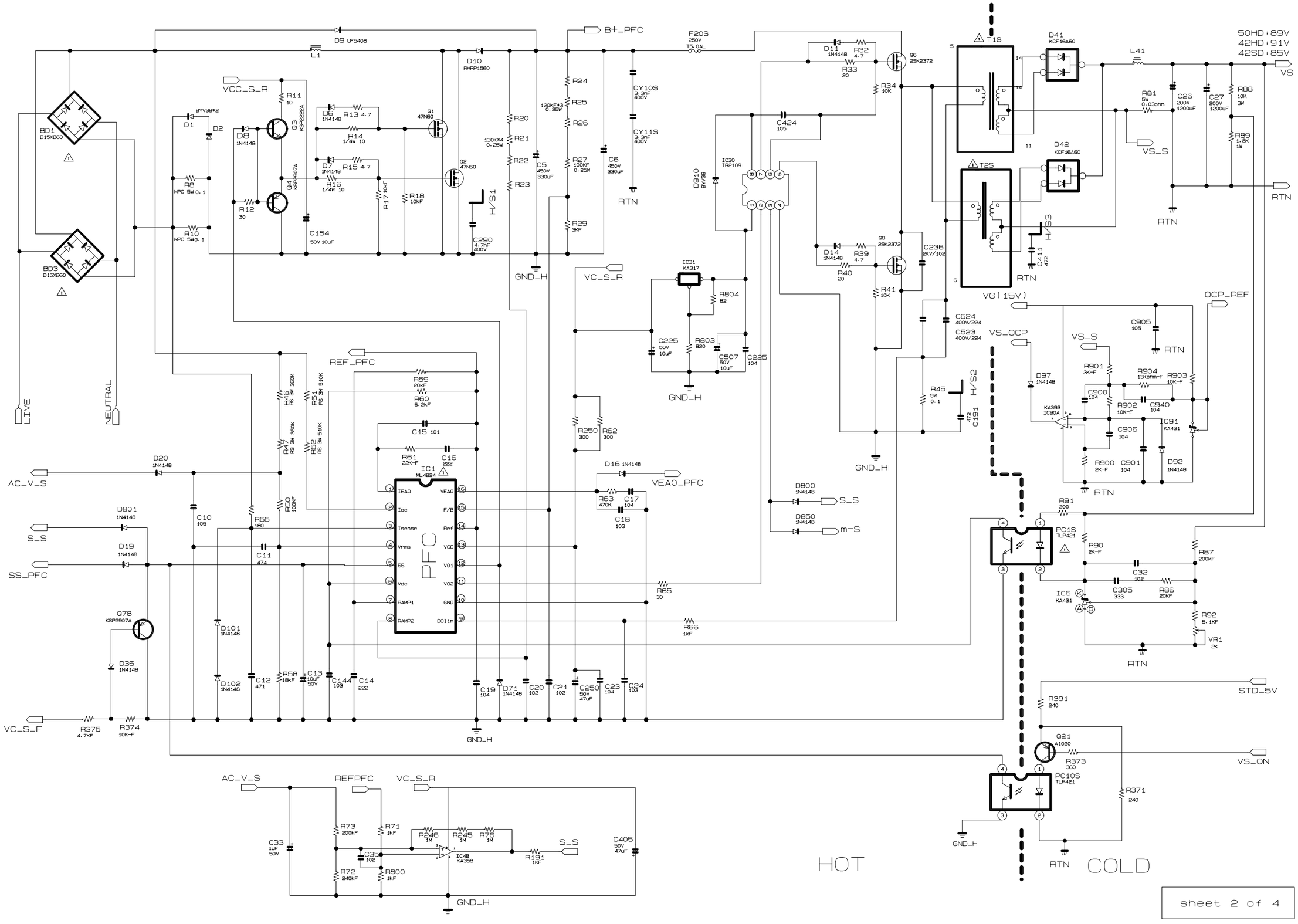


ED	DATE	P_A0	Jun 12th,2002	PV	Jul 22th,2002				
DWG	SEC	ENG	SEC	Model : Alexander_PAL					
				Sheet Title : 13_D_ (Sil169)					
REF.NO		SEC		CODE.NO		SHEET.NO 13/13			

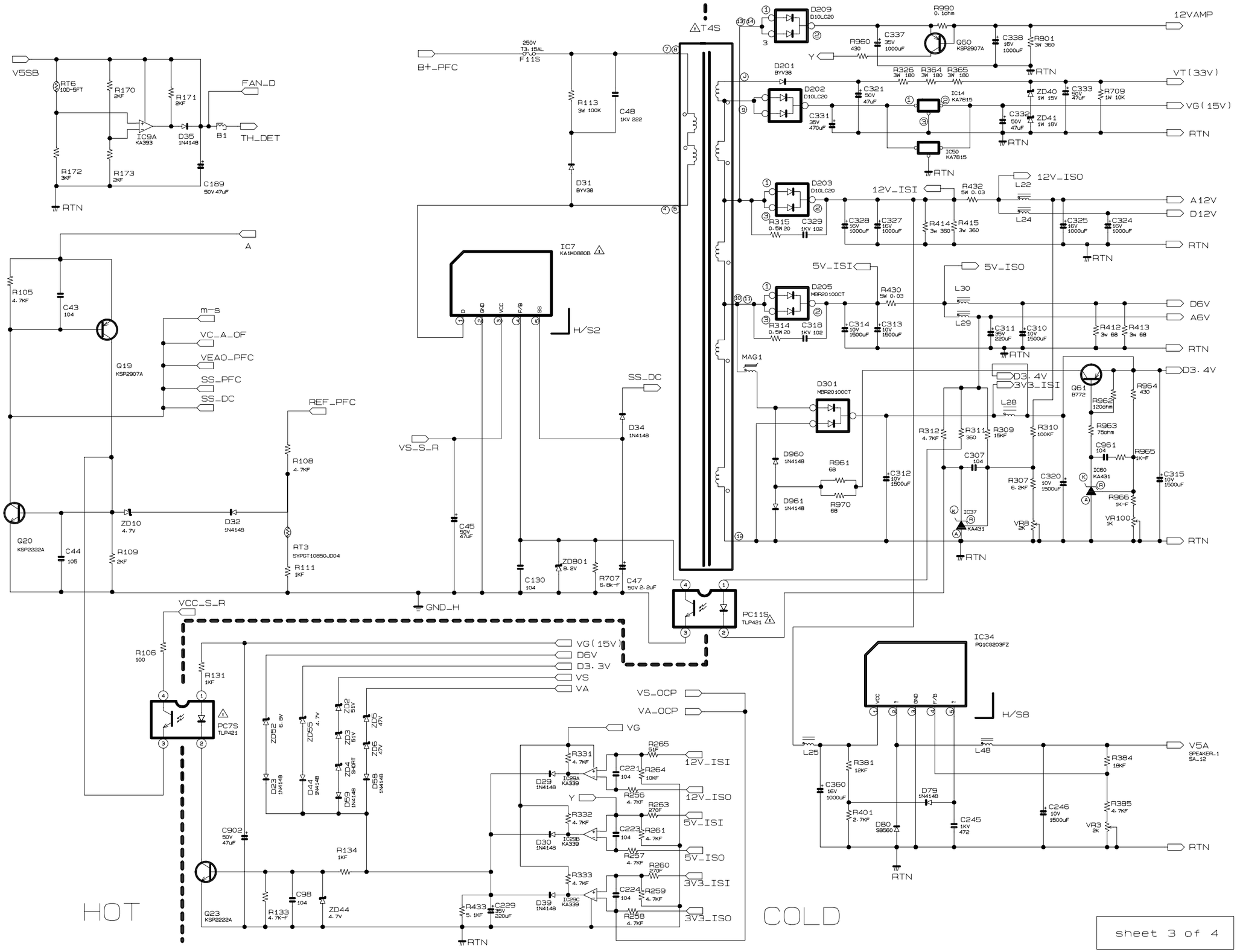
4-13 SMPS 1


SAMSUNG
CONFIDENTIAL
HOT
COLD
B+
D111
UF5408
D110
UF5408
PC3S
TLP421
R66
390-F
BD2
G3SBA60/GBU4J
250V
T2.0AL
F5
SCK-053
RT2S
410150
LF9S
CX5S
275V
0.22uF
C100
450V
22uF
R67
180k
1W
R69
100k
1W
C99
1KV
1nF(102)
C710
630V
333
R68
180Kohm
1W
D26
BYV38
T3S
GND
IC2
IEC2A280
NC
IS
FB
SS
D
NC
Vc
GND
R2
0.5
1W
C268
104
C51
50V
1uF
D27
BYV38
R701
100k
1/4W
C50
50V
47uF
D28
D2S4M
C222
1KV
1nF(102)
L6
K
C39
10V
2200uF
C41
50V
47uF
R94
4.7kF
R222
20
0.5W
R102
10kF
C102
0.47uF(474)
C103
101
R96
5.1kF
R97
4.7kF
IC6
KA431
VR2
1k
STD_5V
RTN
D112
UF5408
VC_S_R
VC_S_F
F6S
250V
T2.0AL
Q11
IRF9120
R351
10kF
IC8
KA7818
Q14
IRF9120
VCC_S
D25
BYV38
F9
250V
T1.0AL
R93
10kF
C46
50V
47uF
C37
50V
47uF
R243
10kF
R702
10k
1/2W-F
C38
50V
47uF
B+_PFC
R337
220kF
1/2W
R336
220kF
1/2W
VC_A_OF
D88
1N4148
R335
4.7K-F
C36
50V
47uF
IC27
KA431
C104
35V
100uF
GND_H
PS_ON
STD_5V
Q12
C2383
R255
1kF
R350
1kF
Q88
KSP2222A
R164
200
R353
510
R360
100
C110
35V
220uF
R163
3.9k
R352
1kF
PC9S
TLP421
PC13S
TLP421
R104
2kF
A
RTN
JUMP2
JUMP1
R1214
560HM
3W
D3
BYV38
CX4S
275V 1uF
CH5750755
LF4S
472(4.7nF)*3
CY1S
CY2S
CY3S
CH5750755
LF1S
RTN
R1S
1.8M
1/2W
CX1S
275V 1uF
RY1S
4.7M
1/2W
ZNR1S
201781
ZNR2S
10D471
F1S
250V
T8.0AH
LIVE
NEUTRAL
CN800S
INPUT POWER RATING
AC90~264V
47~63HZ
VC_S_F
ZD50
15V
R402
4.7kF
Q13
C2383
C166
35V
220uF
R169
4.7kF
24V
RL3S
BYV38
D5
GND_H
VCC_S_R
RT1S
SCK-206
NEUTRAL
LIVE
SIGNATURES
DATE
DRAWN M.J.G 021215
CHECKED L.J.H 021215
ENGRG
ISSUED
SAMSUNG
ELECTRO-MECHANICS
REV1.2
TITLE
B4K-50
ALEXANDER50" HD
42" HD
42" SD
SIZE
A3
DWG. NO.
SHEET 1 OF 4

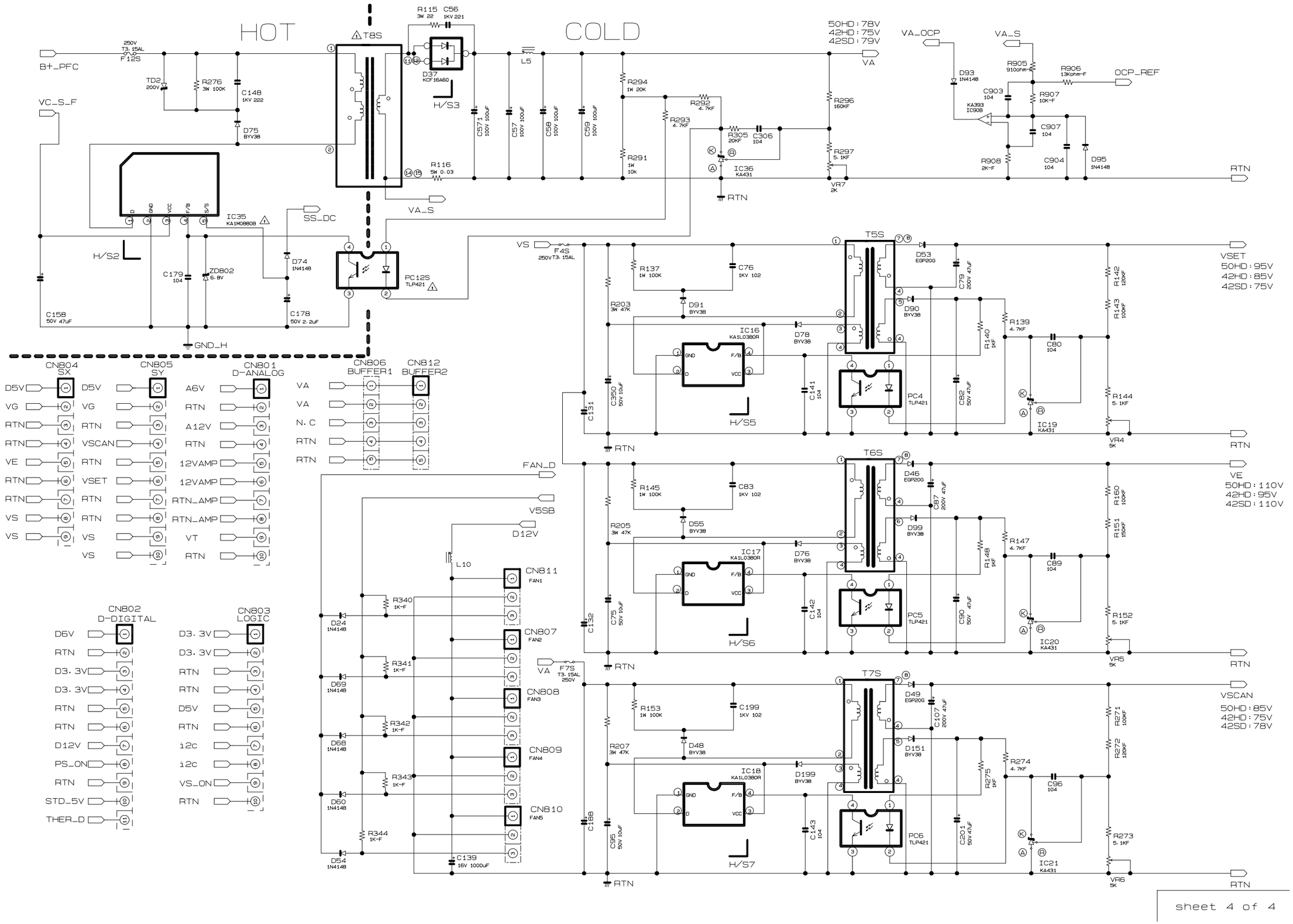
4-14 SMPS 2


B+_PFC
F20S 250V T5.0AL
D9 UF5408
L1
D10 RHRP1560
VCC_S_R
BD1 D15XB60
BD3 D15XB60
LIVE
NEUTRAL
BYV38*2
D1
D2
D8 1N4148
Q3 KSP2222A
R11 10
R13 4.7
R14 1/4W 10
D6 1N4148
D7 1N4148
R15 4.7
R16 1/4W 10
Q1 47N60
Q2 47N60
R8 MPC 5W 0.1
R10 MPC 5W 0.1
R12 30
R17 10KF
R18 10KF
Q4 KSP2907A
C154 50V 10uF
H/S1
C290 4.7nF 400V
GND_H
R24
R25
R26
R27 100KF 0.25W
R29 3KF
120KF*3 0.25W
R20
130K*4 0.25W
R21
R22
R23
C5 450V 330uF
C6 450V 330uF
CY10S 3.3nF 400V
CY11S 3.3nF 400V
RTN
D910 BYV38
IC30 IR2109
D11 1N4148
R32 4.7
R33 20
R34 10K
Q6 2SK2372
C424 105
D14 1N4148
R39 4.7
R40 20
Q8 2SK2372
R41 10K
C236 2KV/102
C524 400V/224
C523 400V/224
R45 5W 0.1
H/S2
C191 472
T1S
T2S
H/S3
C411 472
D41 KCF16A60
D42 KCF16A60
VG(15V)
L41
R81 5W 0.03ohm
C26 200V 1200uF
C27 200V 1200uF
R88 10K 3W
R89 1.8K 1W
VS_S
50HD:89V
42HD:91V
42SD:85V
VS
IC31 KA317
R804 82
C225 50V 10uF
R803 820
C507 50V 10uF
C225 104
VC_S_R
REF_PFC
R59 20KF
R60 6.2KF
C15 101
R61 22K-F
C16 222
IC1 ML4824
PFC
IEA0
Ioc
Isense
Vrms
SS
Vdc
RAMP1
RAMP2
VEA0
F/B
Ref
VCC
VO1
VO2
GND
DC1m
R250 300
R62 300
D16 1N4148
VEA0_PFC
R63 470K
C17 104
C18 103
D800 1N4148
S_S
D850 1N4148
m-S
R65 30
R66 1KF
R46 RS 3W 360K
R47 RS 3W 360K
R51 RS 3W 510K
R52 RS 3W 510K
R50 100KF
R55 180
C10 105
C11 474
D20 1N4148
AC_V_S
D801 1N4148
S_S
D19 1N4148
SS_PFC
Q78 KSP2907A
D36 1N4148
D101 1N4148
D102 1N4148
C12 471
R58 18KF
C13 10uF 50V
C144 103
C14 222
C19 104
D71 1N4148
C20 102
C21 102
C250 50V 47uF
C23 104
C24 103
VC_S_F
R375 4.7KF
R374 10K-F
OCP_REF
VS_OCP
VS_S
C905 105
RTN
D97 1N4148
R901 3K-F
R904 13Kohm-F
R903 10K-F
C900 104
R902 10K-F
C940 104
KA393 IC90A
C906 104
C91 KA431
R900 2K-F
C901 104
D92 1N4148
R91 200
PC1S TLP421
R90 2K-F
R87 200KF
C32 102
C305 333
R86 20KF
IC5 KA431
R92 5.1KF
VR1 2K
STD_5V
R391 240
Q21 A1020
R373 360
VS_ON
PC10S TLP421
R371 240
AC_V_S
REFPFC
VC_S_R
R73 200KF
R71 1KF
R246 1M
R245 1M
R76 1M
C33 1uF 50V
C35 102
IC4B KA358
R191 1KF
S_S
C405 50V 47uF
R72 240KF
R800 1KF
HOT
COLD
sheet 2 of 4

4-15 SMPS 3


V5SB
RT6 10Ω-5FT
R170 2KF
R171 2KF
IC9A KA393
D35 1N4148
B1
FAN_D
TH_DET
R172 3KF
R173 2KF
C189 50V 47uF
RTN
A
R105 4.7KF
C43 104
Q19 KSP2907A
m-s
VC_A_OF
VEAO_PFC
SS_PFC
SS_DC
REF_PFC
R108 4.7KF
RT3 SYPGT10850JD04
R111 1KF
C45 50V 47uF
VS_S_R
Q20 KSP2222A
C44 105
ZD10 4.7V
R109 2KF
D32 1N4148
B+_PFC
250V T3.15AL F11S
R113 3W 100K
C48 1KV 222
D31 BYV38
T4S
IC7 KA1M0880B
H/S2
SS_DC
D34 1N4148
ZD801 8.2V
R707 6.8K-F
C47 50V 2.2uF
C130 104
GND_H
D209 D10LC20
R990 0.10hm
12VAMP
R960 430
C337 35V 1000uF
Q60 KSP2907A
C338 16V 1000uF
R801 3W 360
RTN
D201 BYV38
R326 3W 180
R364 3W 180
R365 3W 180
VT(33V)
D202 D10LC20
C321 50V 47uF
IC14 KA7815
ZD40 1W 15V
C333 50V 47uF
R709 1W 10K
VG(15V)
C331 35V 470uF
C332 50V 47uF
ZD41 1W 18V
RTN
IC50 KA7815
RTN
D203 D10LC20
12V_ISI
R432 5W 0.03
12V_ISO
L22
A12V
D12V
R315 0.5W 20
C329 1KV 102
C328 16V 1000uF
C327 16V 1000uF
R414 3W 360
R415 3W 360
L24
C325 16V 1000uF
C324 16V 1000uF
RTN
5V_ISI
5V_ISO
D205 MBR20100CT
R430 5W 0.03
L30
D6V
A6V
R314 0.5W 20
C318 1KV 102
C314 16V 1500uF
C313 16V 1500uF
L29
C311 35V 220uF
C310 16V 1500uF
R412 3W 68
R413 3W 68
RTN
MAG1
D3.4V
3V3_ISI
D301 MBR20100CT
L28
Q61 B772
R964 430
R962 120ohm
R963 75ohm
C961 104
R965 1K-F
R966 1K-F
IC60 KA431
C315 16V 1500uF
R312 4.7KF
R311 360
R309 15KF
R310 100KF
C307 104
R307 6.2KF
C320 16V 1500uF
VR8 2K
VR100 1K
IC37 KA431
RTN
D960 1N4148
R961 68
D961 1N4148
R970 68
C312 16V 1500uF
RTN
PC11S TLP421
VCC_S_R
R106 100
R131 1KF
PC7S TLP421
VG(15V)
D6V
D3.3V
VS
VA
VS_OCP
VA_OCP
VG
ZD52 6.8V
ZD55 4.7V
ZD2 51V
ZD3 51V
ZD4 SHORT
ZD5 47V
ZD6 47V
D23 1N4148
D44 1N4148
D59 1N4148
D58 1N4148
C902 50V 47uF
R134 1KF
R133 4.7K-F
C98 104
ZD44 4.7V
Q23 KSP2222A
R331 4.7KF
IC29A KA339
D29 1N4148
R265 51F
C221 104
R264 10KF
12V_ISI
R256 4.7KF
12V_ISO
Y
R332 4.7KF
R263 270F
C223 104
R261 4.7KF
5V_ISI
IC29B KA339
D30 1N4148
R257 4.7KF
5V_ISO
R333 4.7KF
R260 270F
C224 104
R259 4.7KF
3V3_ISI
IC29C KA339
D39 1N4148
R433 5.1KF
C229 25V 220uF
R258 4.7KF
3V3_ISO
RTN
IC34 PQ1CG203FZ
H/S8
L25
L48
V5A SPEAKER_1 SA_12
R381 12KF
C360 16V 1000uF
D79 1N4148
R384 18KF
R401 2.7KF
D80 S8560
C245 1KV 472
C246 10V 1500uF
R385 4.7KF
VR3 2K
RTN
HOT
COLD
sheet 3 of 4

4-16 SMPS 4


HOT
COLD
B+_PFC
250V T3.15AL F12S
TD2 200V
R276 3W 100K
C148 1KV 222
D75 BYV38
VC_S_F
T8S
R115 3W 22
C56 1KV 221
D37 KCF16A60
H/S3
L5
C571 100V 100uF
C57 100V 100uF
C58 100V 100uF
C59 100V 100uF
R294 1W 20K
R292 4.7KF
R293 4.7KF
R291 1W 10K
R305 20KF
C306 104
IC36 KA431
R296 160KF
R297 5.1KF
VR7 2K
50HD : 78V
42HD : 75V
42SD : 79V
VA
RTN
VA_OCP
VA_S
D93 1N4148
R905 910ohm
R906 13Kohm-F
OCP_REF
C903 104
KA393 IC90B
R907 10K-F
C907 104
R908 2K-F
C904 104
D95 1N4148
R116 5W 0.03
VA_S
IC35 KA1M0880B
SS_DC
H/S2
D74 1N4148
C179 104
ZD802 6.8V
C158 50V 47uF
C178 50V 2.2uF
PC12S TLP421
GND_H
VS
F4S 250V T3.15AL
R137 1W 100K
C76 1KV 102
D91 BYV38
R203 3W 47K
IC16 KA1L0380R
D78 BYV38
H/S5
C350 50V 10uF
C131
T5S
D53 EGP20G
D90 BYV38
C79 200V 47uF
R139 4.7KF
R140 1KF
C80 104
C141 104
PC4 TLP421
C82 50V 47uF
IC19 KA431
R142 120KF
R143 100KF
R144 5.1KF
VR4 5K
VSET
50HD : 95V
42HD : 85V
42SD : 75V
T6S
D46 EGP20G
C87 200V 47uF
D99 BYV38
R145 1W 100K
C83 1KV 102
D55 BYV38
R205 3W 47K
IC17 KA1L0380R
D76 BYV38
H/S6
C75 50V 10uF
C132
C142 104
PC5 TLP421
C90 50V 47uF
R148 1KF
R147 4.7KF
C89 104
IC20 KA431
R150 100KF
R151 150KF
R152 5.1KF
VR5 5K
VE
50HD : 110V
42HD : 95V
42SD : 110V
T7S
D49 EGP20G
C107 200V 47uF
D151 BYV38
R153 1W 100K
C199 1KV 102
D48 BYV38
R207 3W 47K
IC18 KA1L0380R
D199 BYV38
H/S7
C95 50V 10uF
C158
C143 104
PC6 TLP421
C201 50V 47uF
R271 100KF
R272 120KF
R274 4.7KF
R275 1KF
C96 104
IC21 KA431
R273 5.1KF
VR6 5K
VSCAN
50HD : 85V
42HD : 75V
42SD : 78V
CN804 SX
D5V
VG
RTN
RTN
VE
RTN
RTN
VS
VS
CN805 SY
D5V
VG
RTN
VSCAN
RTN
VSET
RTN
RTN
VS
VS
CN801 D-ANALOG
A6V
RTN
A12V
RTN
12VAMP
12VAMP
RTN_AMP
RTN_AMP
VT
RTN
CN806 BUFFER1
VA
VA
N.C
RTN
RTN
CN812 BUFFER2
CN802 D-DIGITAL
D6V
RTN
D3.3V
D3.3V
RTN
RTN
D12V
PS_ON
RTN
STD_5V
THER_D
CN803 LOGIC
D3.3V
D3.3V
RTN
RTN
D5V
RTN
i2c
i2c
VS_ON
RTN
FAN_D
V5SB
D12V
L10
CN811 FAN1
CN807 FAN2
CN808 FAN3
CN809 FAN4
CN810 FAN5
R340 1K-F
R341 1K-F
R342 1K-F
R343 1K-F
R344 1K-F
D24 1N4148
D69 1N4148
D68 1N4148
D60 1N4148
D54 1N4148
C139 16V 1000uF
VA
F7S T3.15AL 250V
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