



COLOR MONITOR

DP17L*

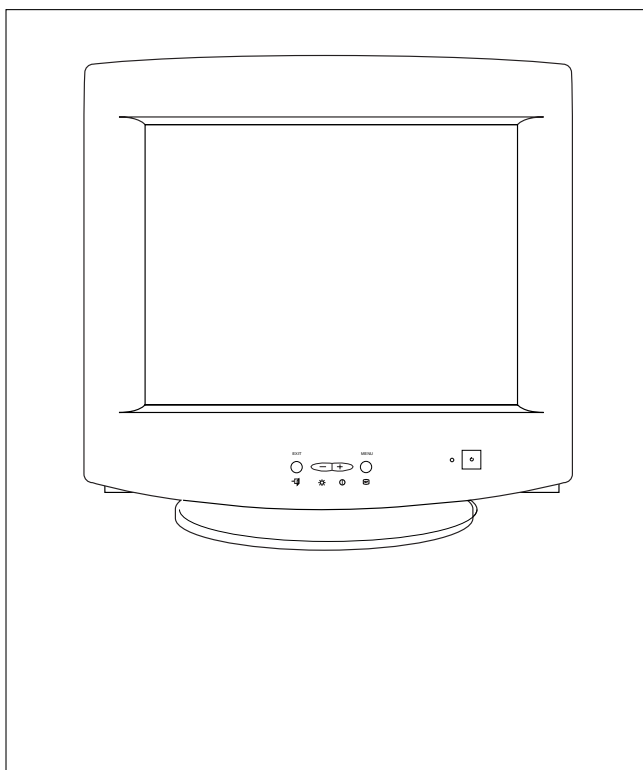
(For implementing TDA9113)

SERVICE Manual *SUPPLEMENT-1*

Supplement to the Service Manual DP17L*

This supplement contains information which differs from service manual DP17LS/LT
Use both this supplement and service manual part number BH68-00129A.

COLOR MONITOR



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2. Electrical Parts List
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Samsung Electronics Co., Ltd. October 2000
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DP17L* Service Manual
First edition October 2000.

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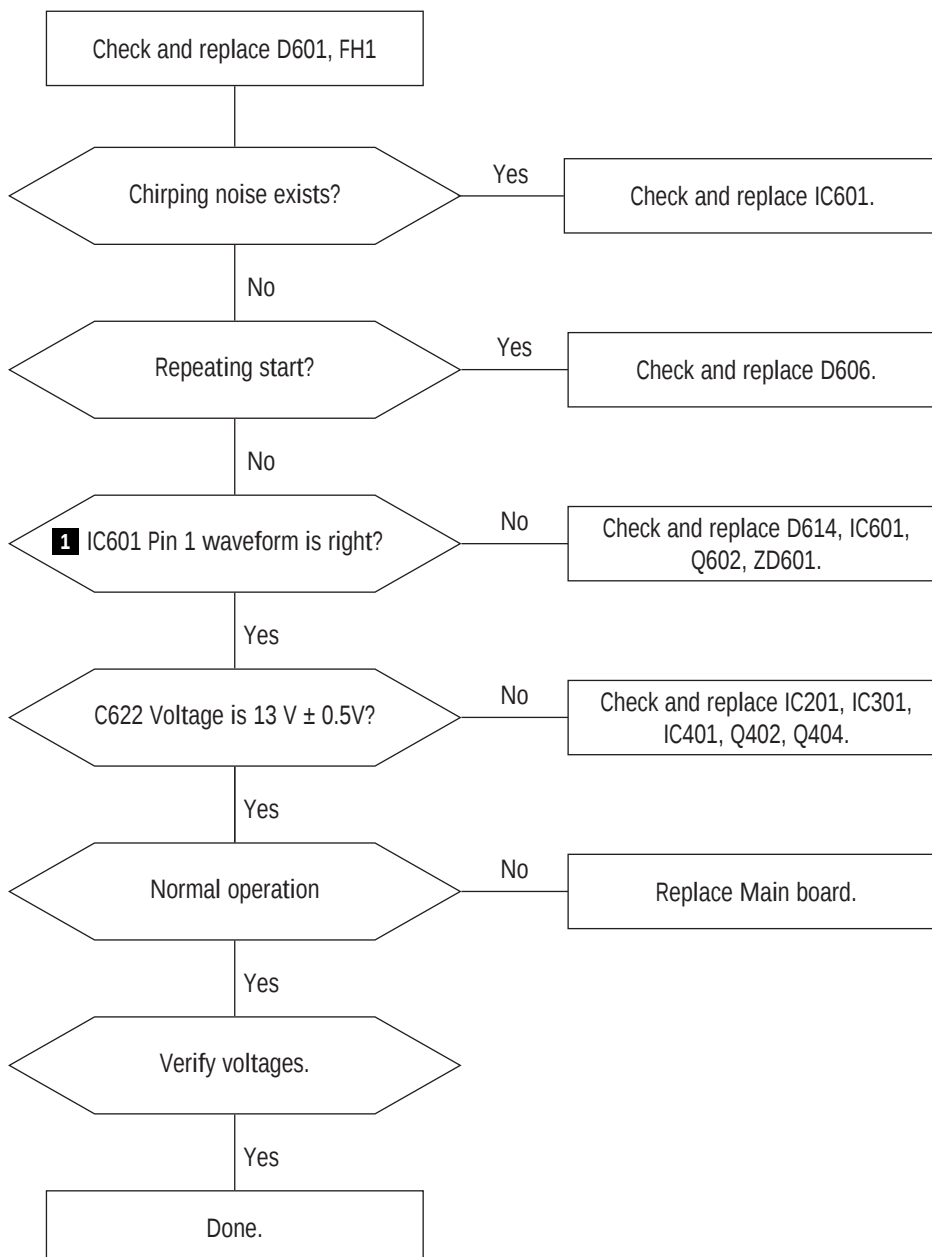
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1 Troubleshooting

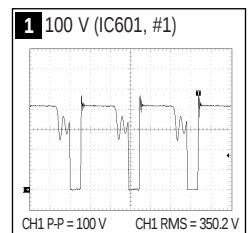
1-1 Parts Level Troubleshooting

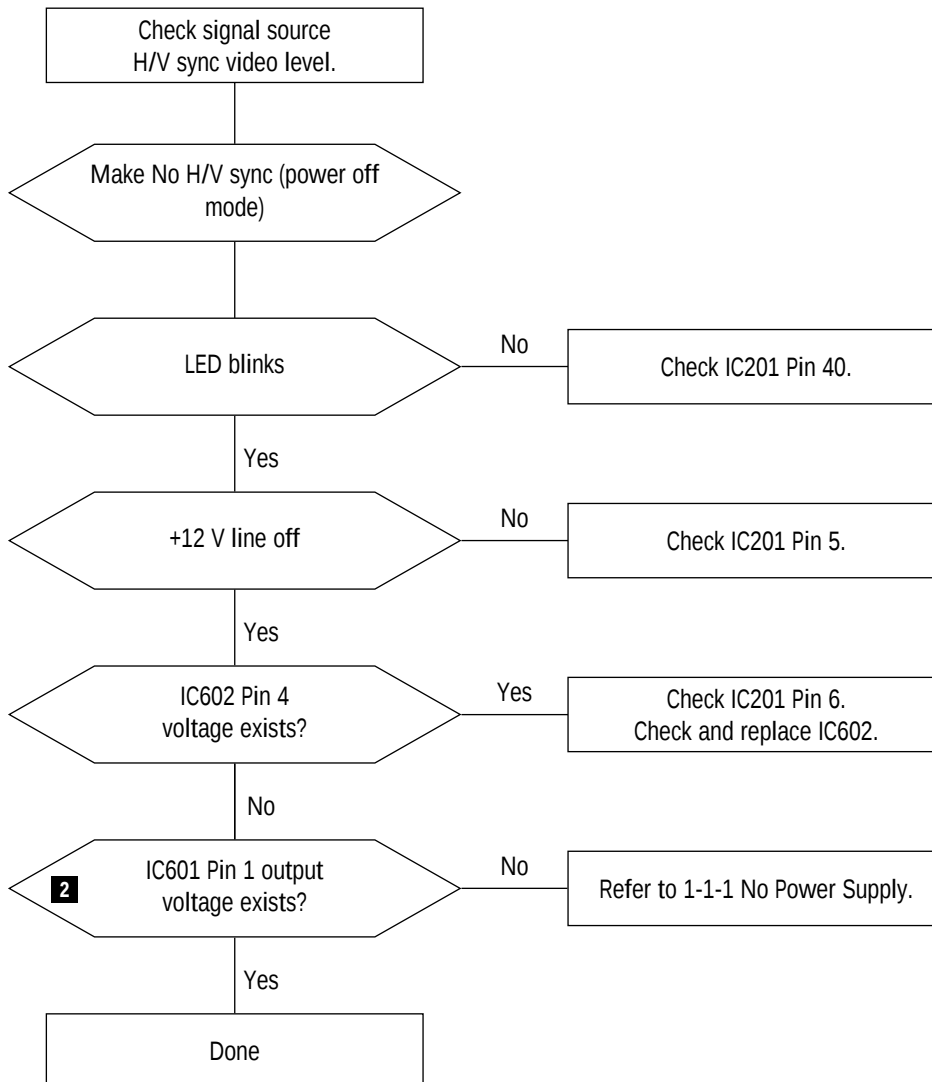
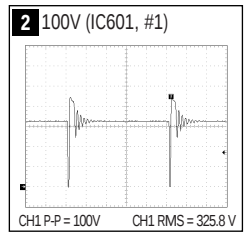
- Notes:** 1. If a picture does not appear, fully rotate the brightness and contrast controls clockwise and reinspect.
2. Check the following circuits.
- No raster appears: Power circuit, Horizontal output circuit.
 - High voltage develops but no raster appears: Video output circuits.
 - High voltage does not develop: Horizontal output circuits.

1-1-1 No Power Supply

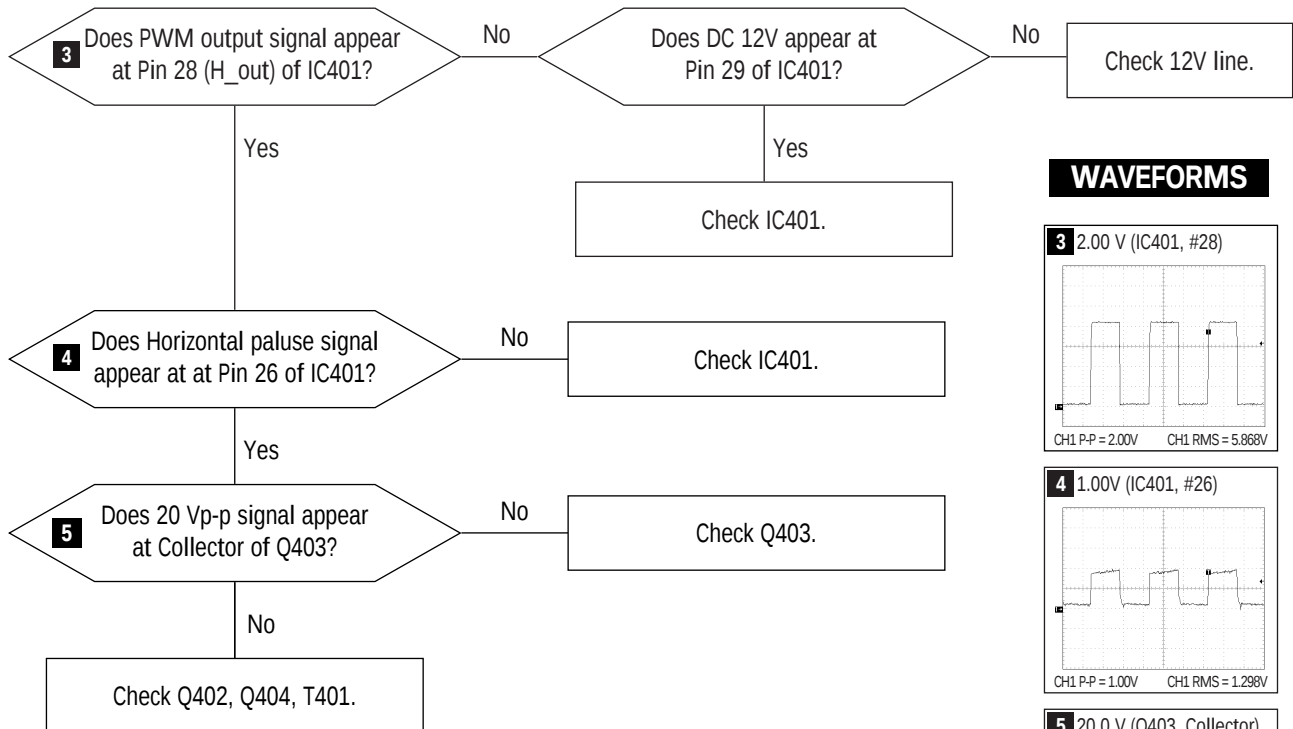


WAVEFORMS

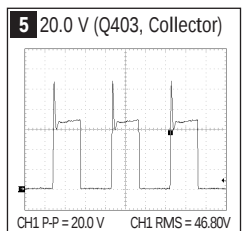
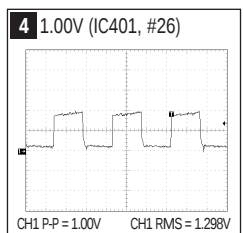
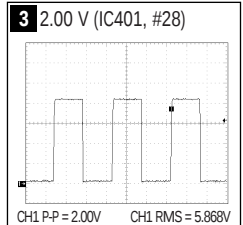


1-1-2 DPMS Failure**WAVEFORMS**

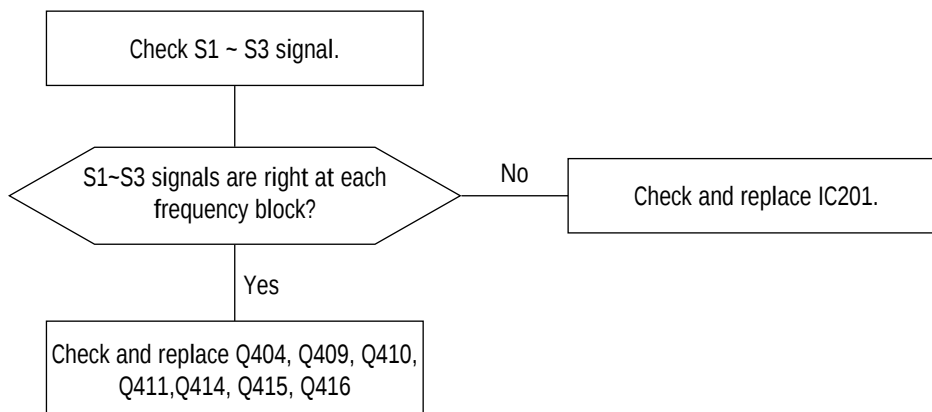
1-1-3 H_Deflection Failure

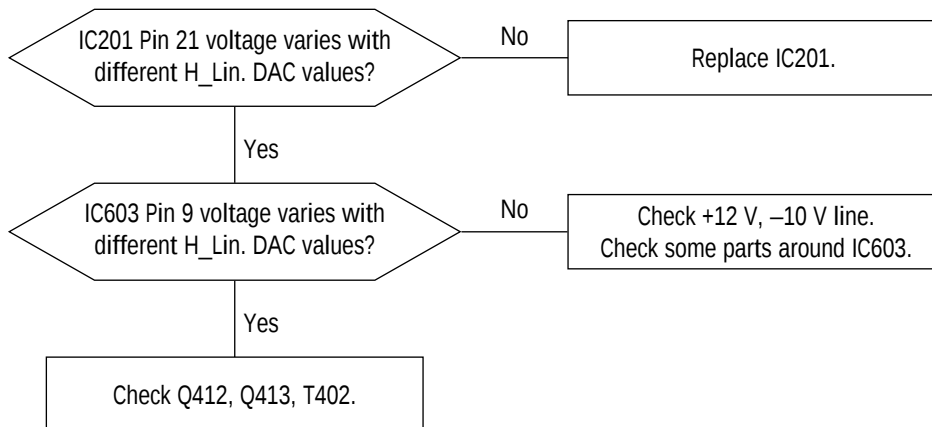
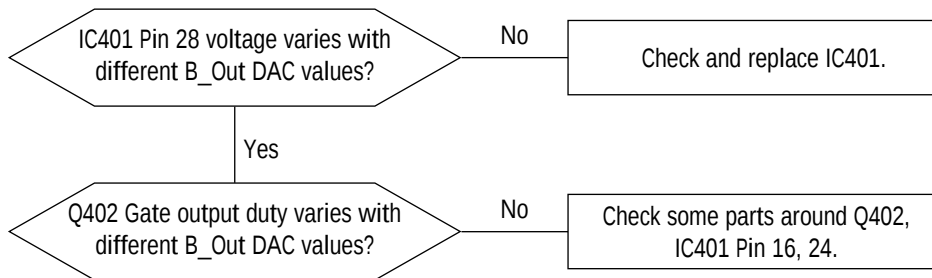
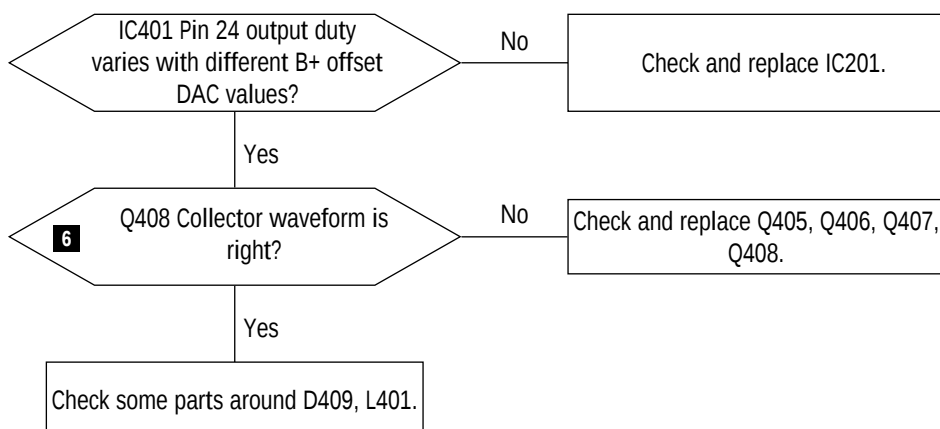
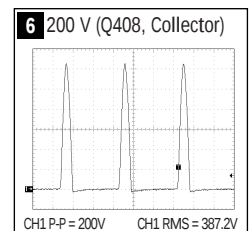


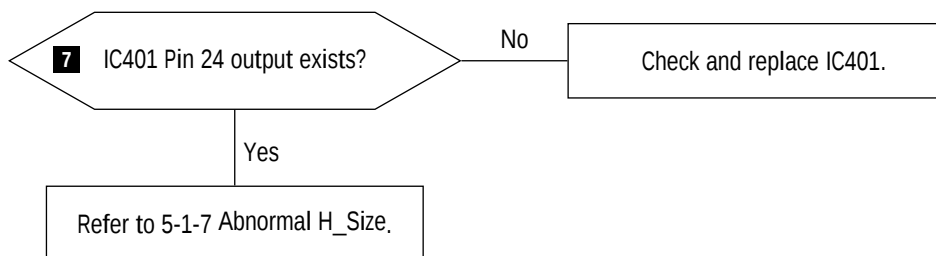
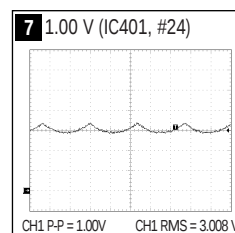
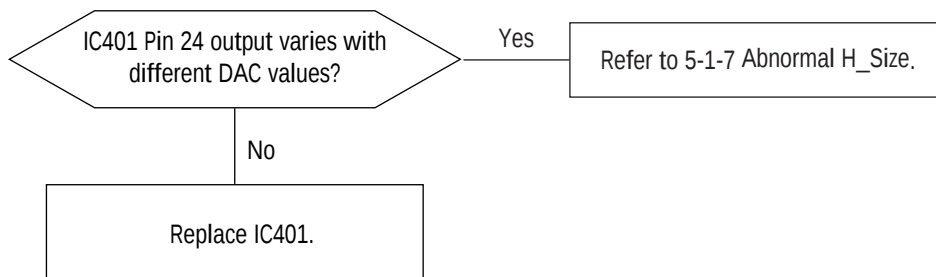
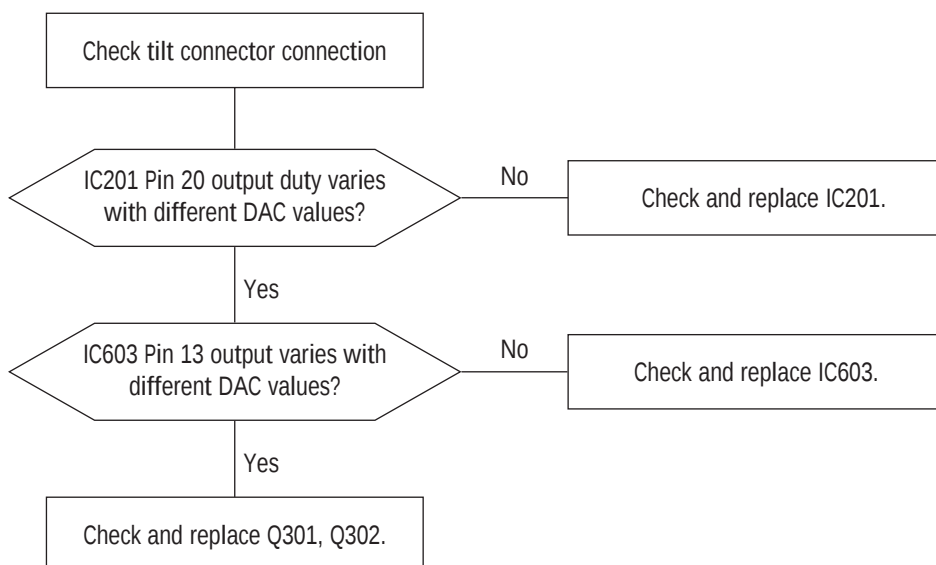
WAVEFORMS



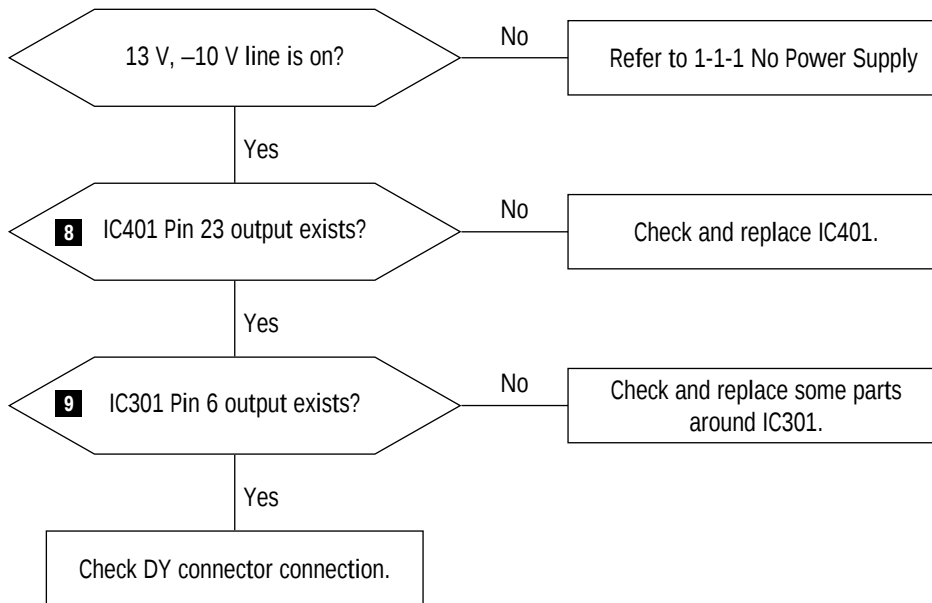
1-1-4 S Correction Failure



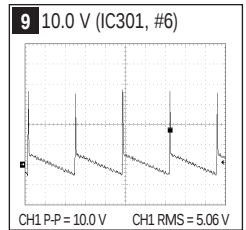
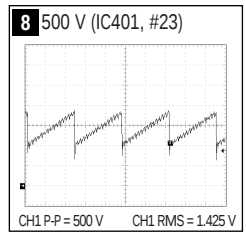
1-1-5 H_Lin. Failure**1-1-6 Invariable H_Size****1-1-7 Abnormal H_Size****WAVEFORMS**

1-1-8 Side Pin or Trap Failure**WAVEFORMS****1-1-9 Para. or Pin Balance Failure****1-1-10 Tilt Failure**

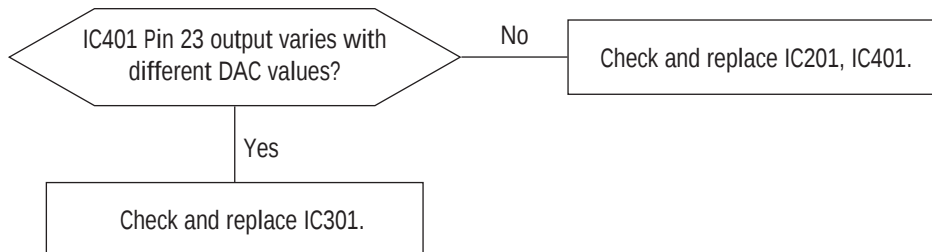
1-1-11 V Deflection Failure



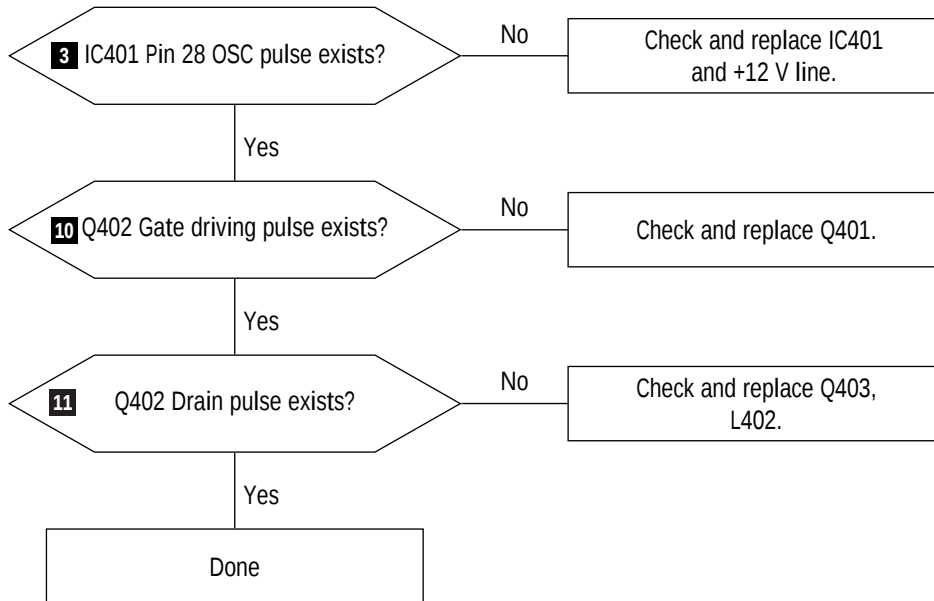
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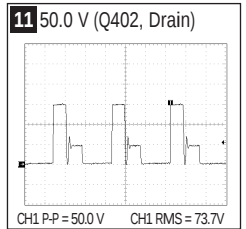
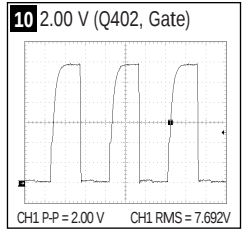
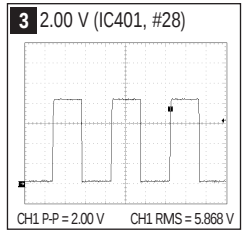
1-1-12 V Size or Pos. Variation Failure



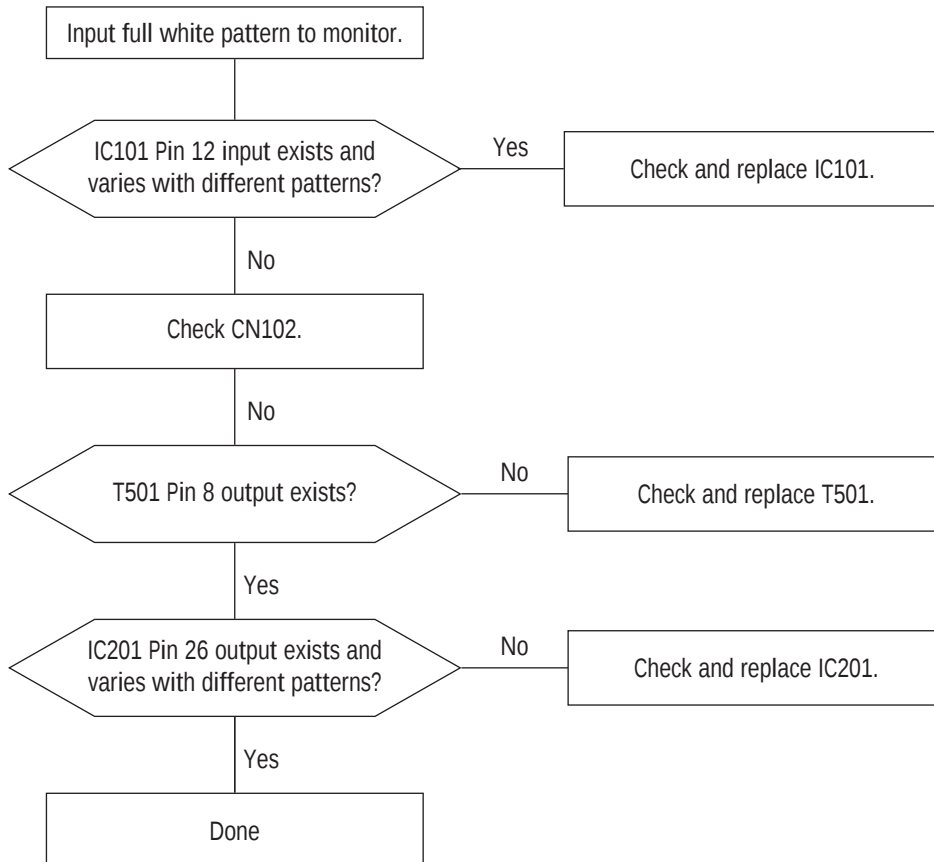
1-1-13 High Voltage Failure

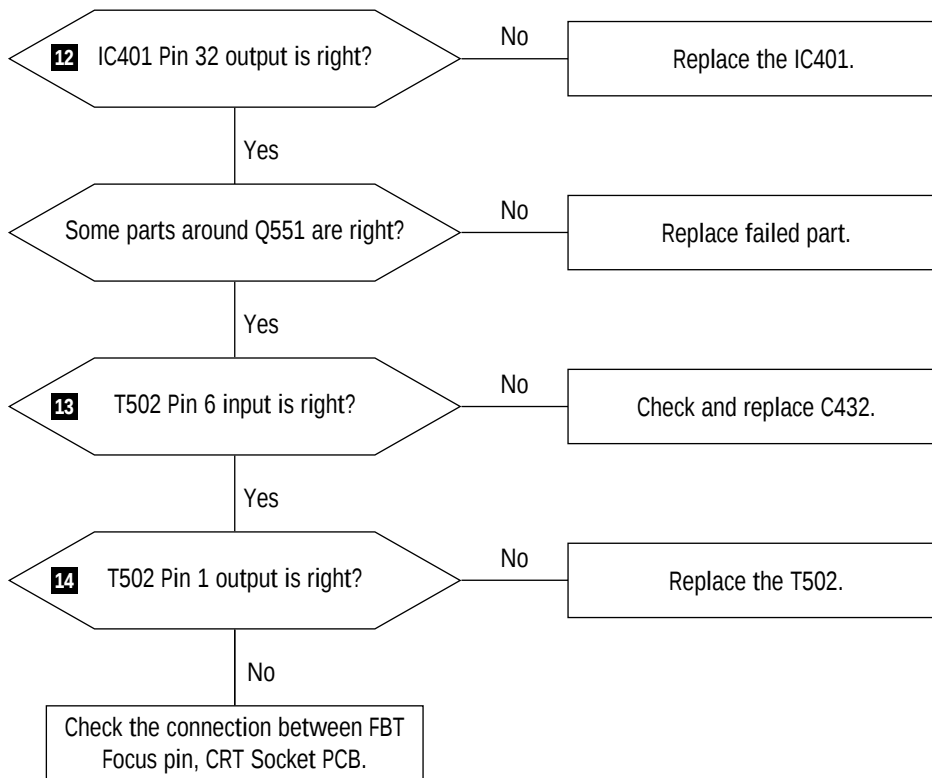
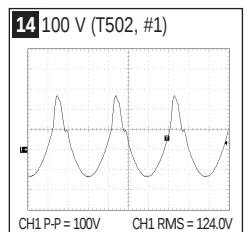
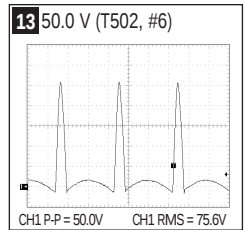
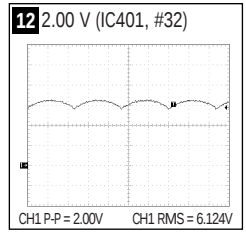


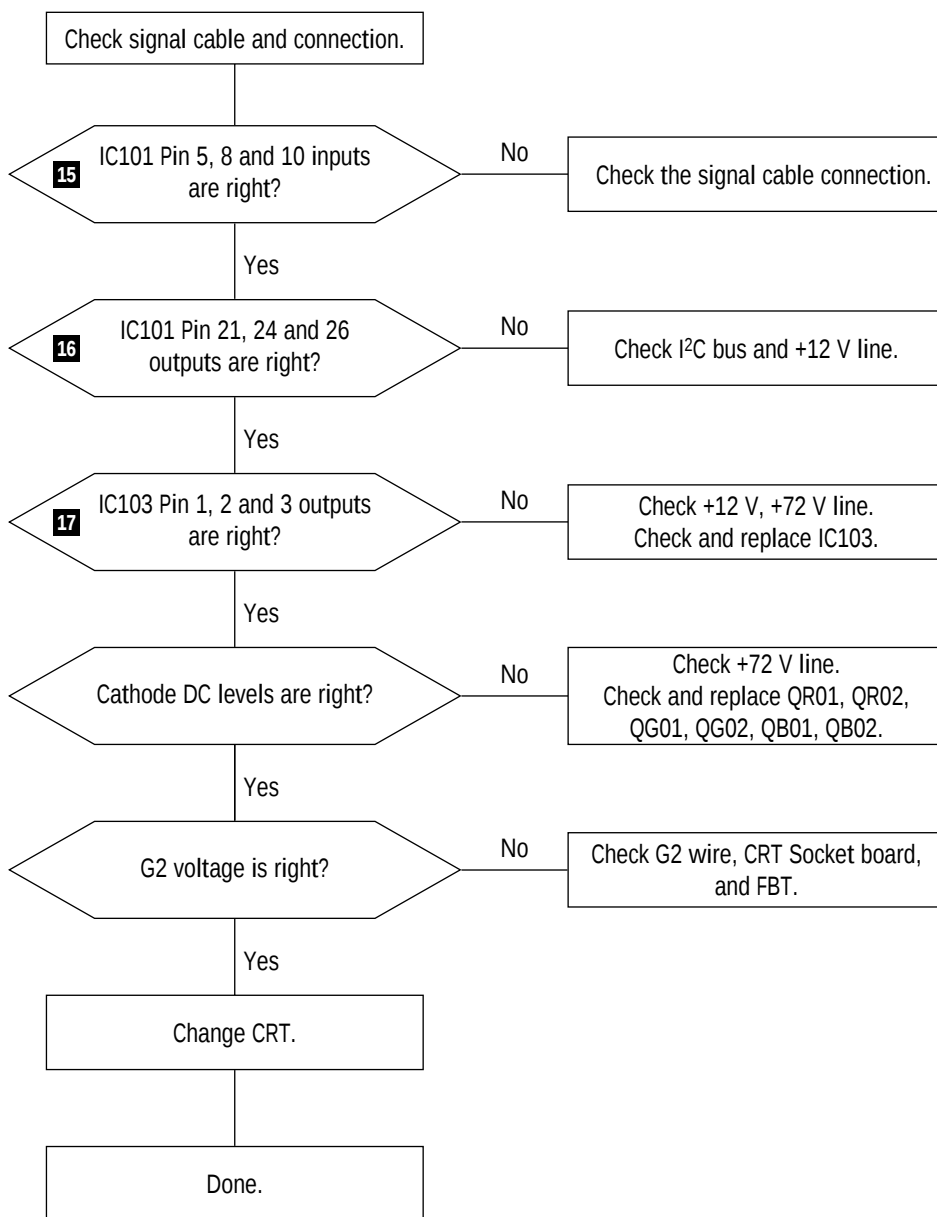
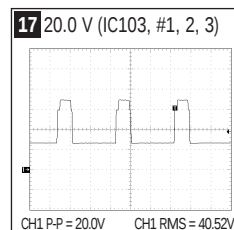
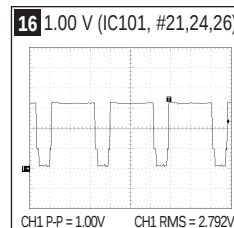
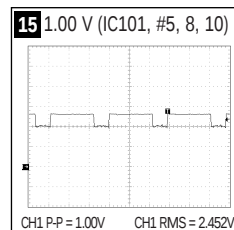
WAVEFORMS



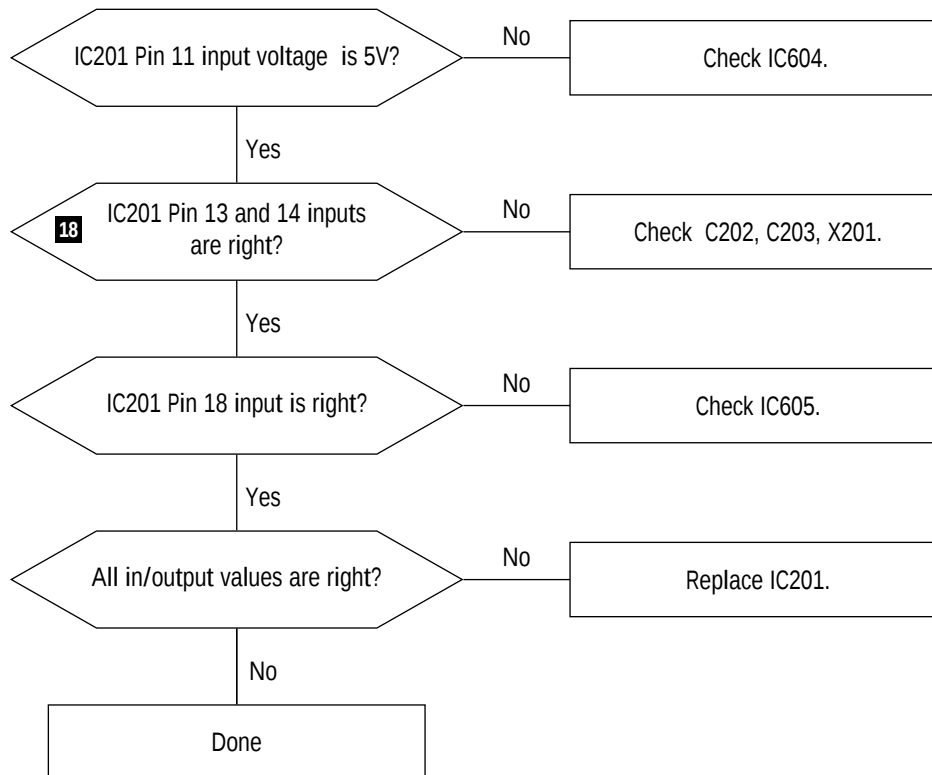
1-1-14 ABL Failure



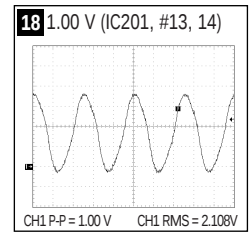
1-1-15 Dynamic Focus Failure**WAVEFORMS**

1-1-16 No Video**WAVEFORMS**

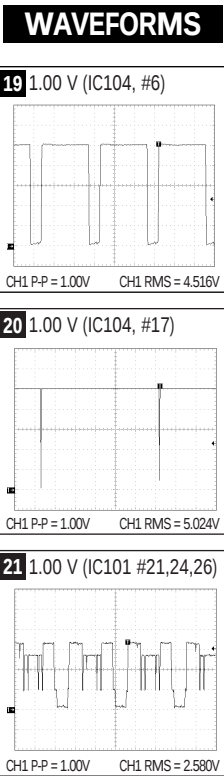
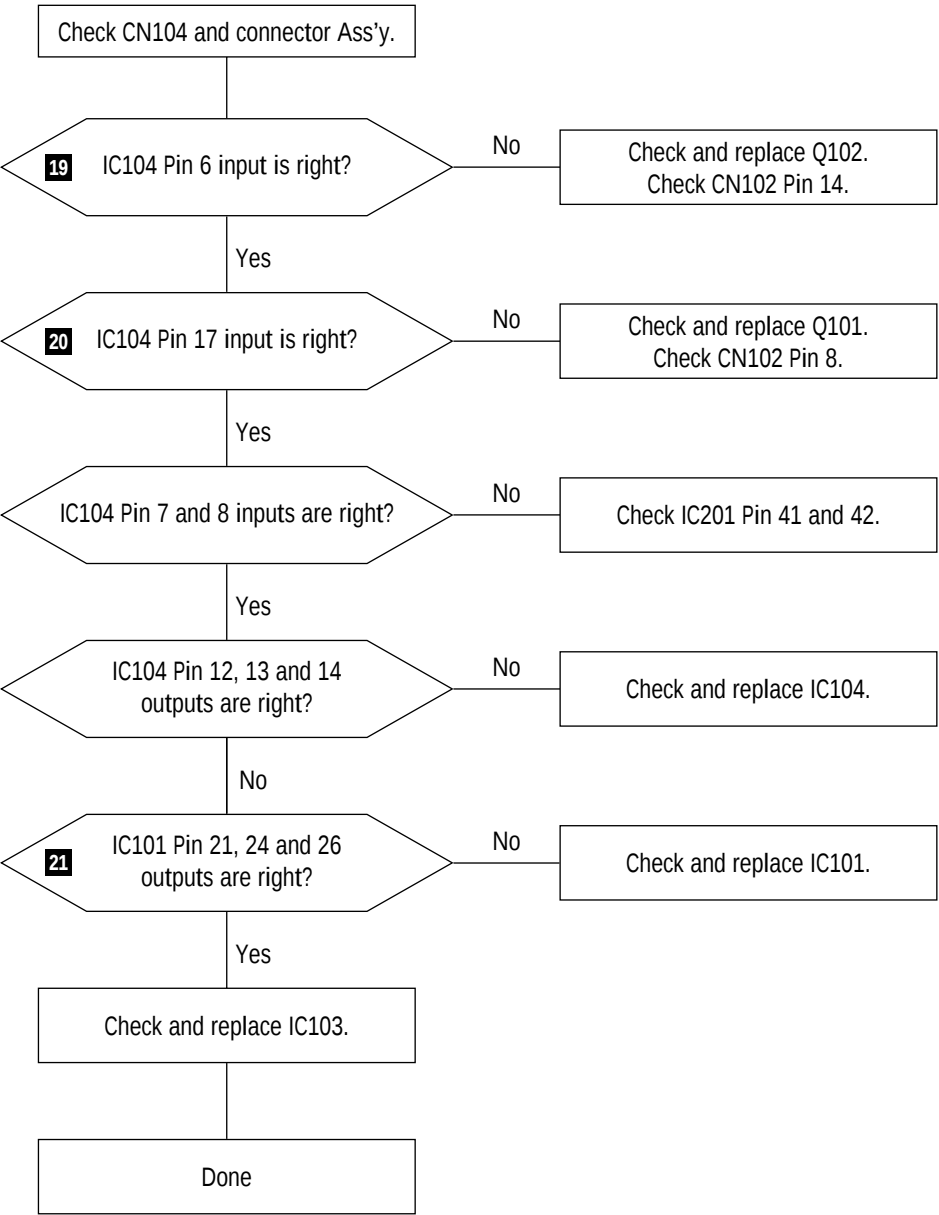
1-1-17 Micom Failure



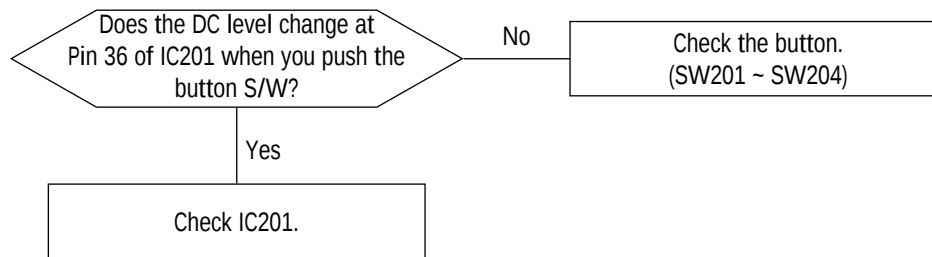
WAVEFORMS



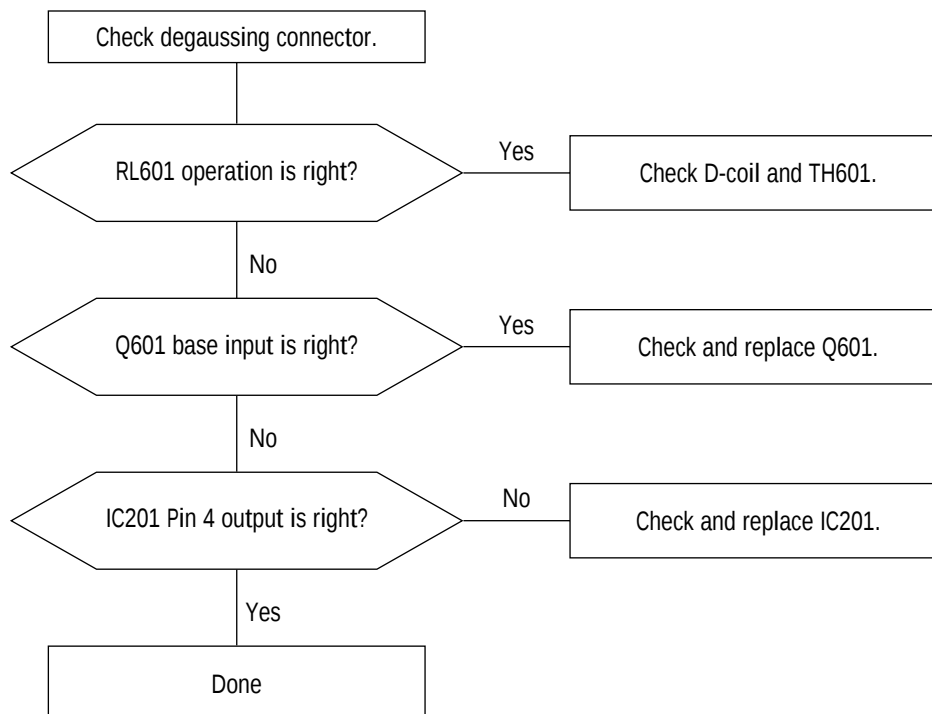
1-1-18 OSD Failure



1-1-19 User Control Failure

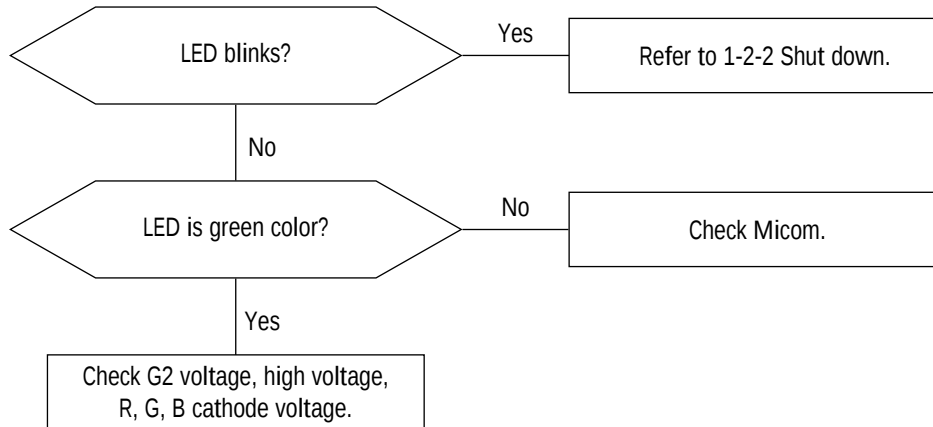


1-1-20 Degaussing Failure

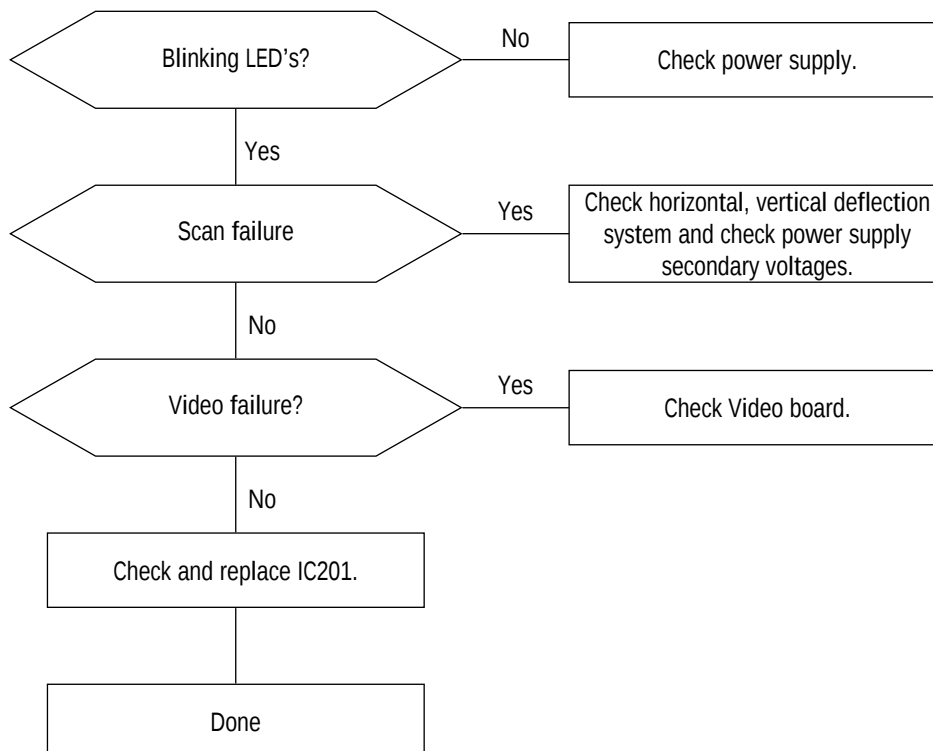


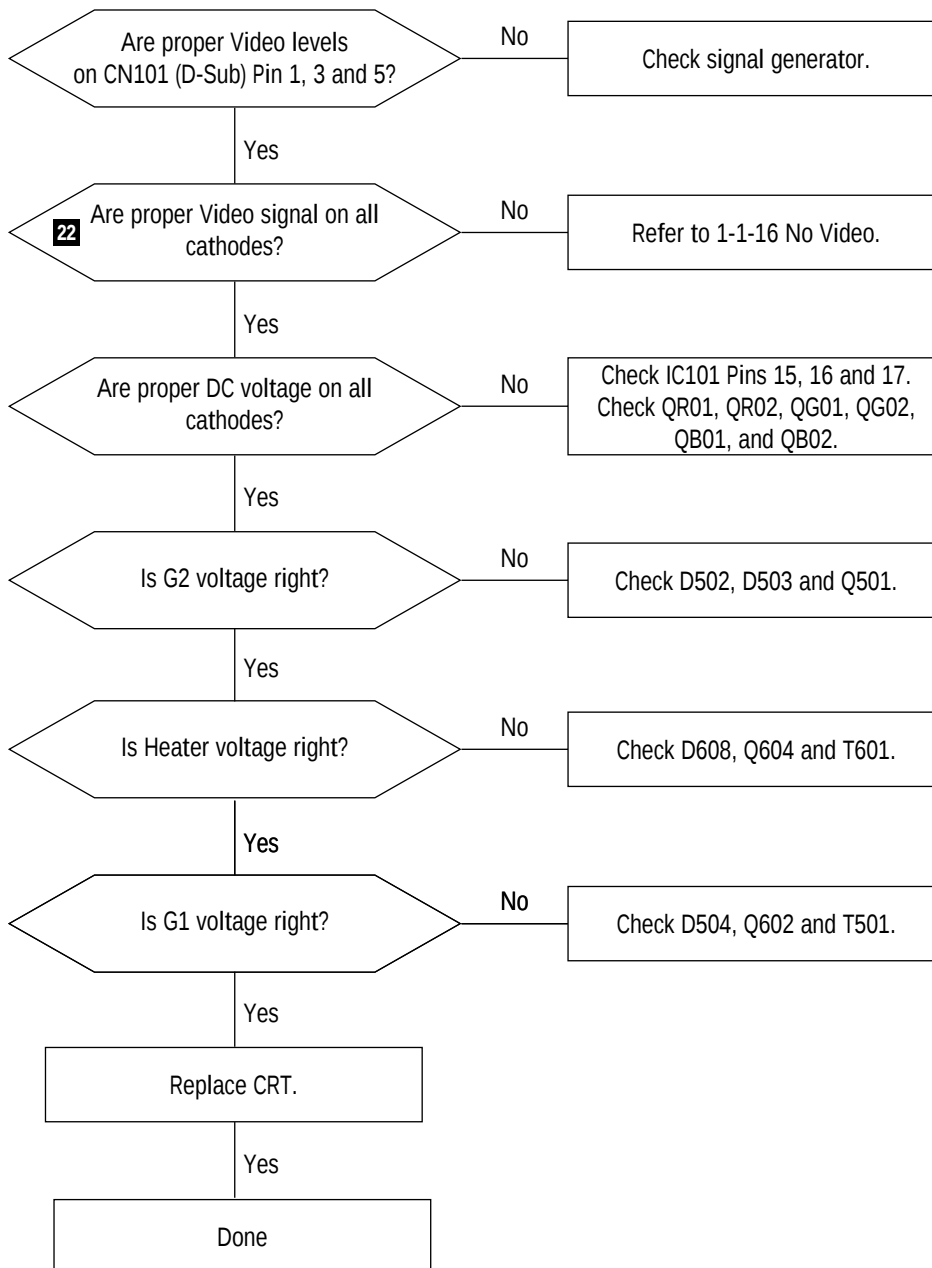
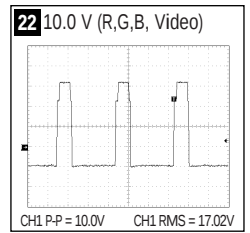
1-2 General Troubleshooting

1-2-1 No Picture

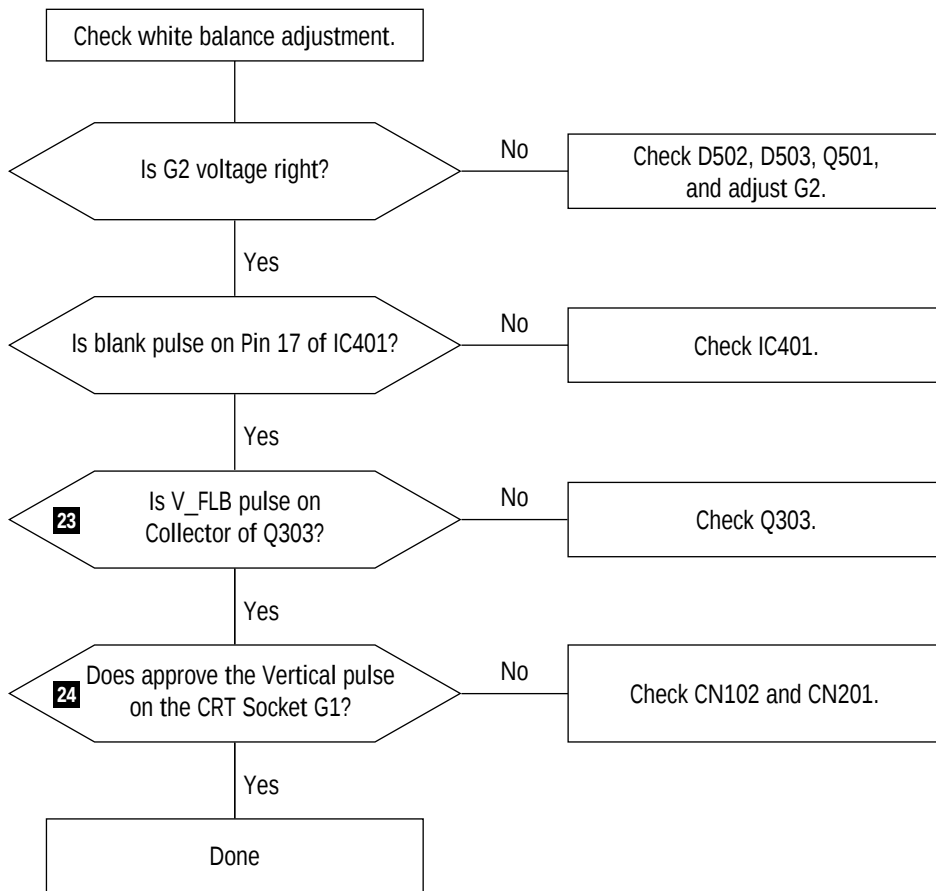


1-2-2 Shut Down

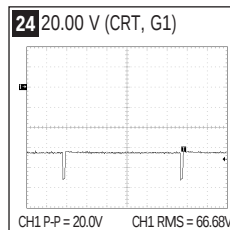
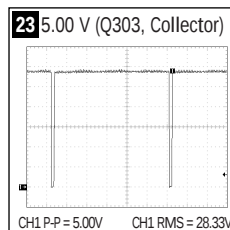


1-2-3 Missing Color**WAVEFORMS**

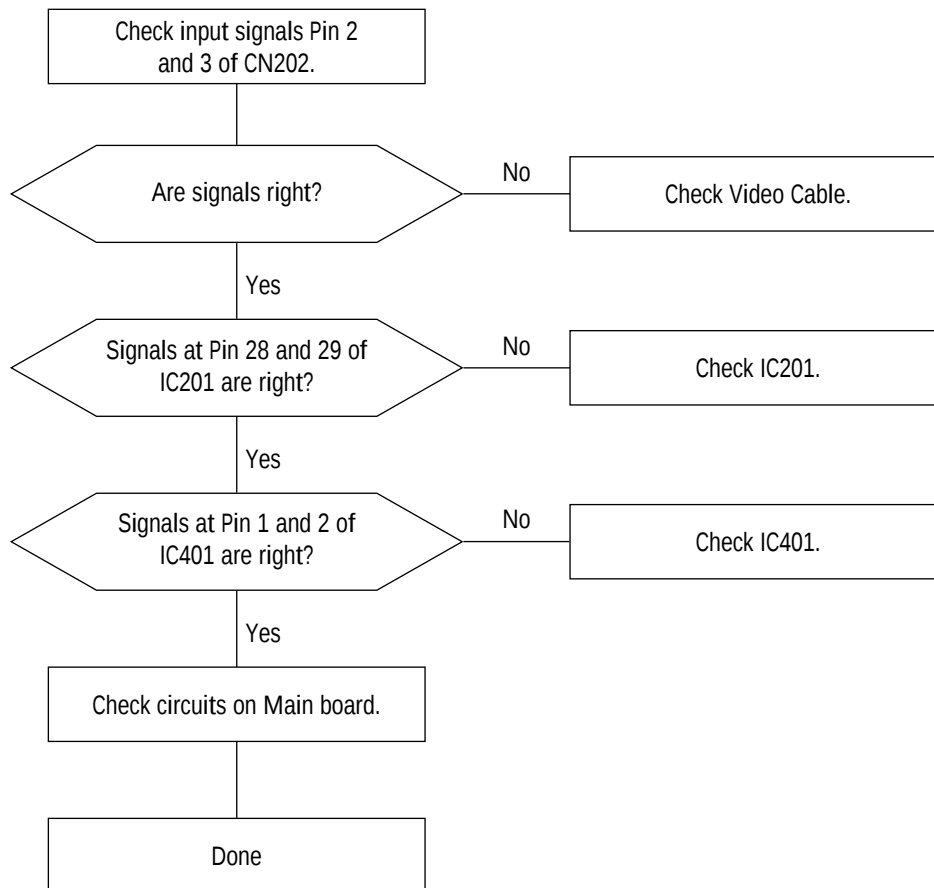
1-2-4 Visible Retrace

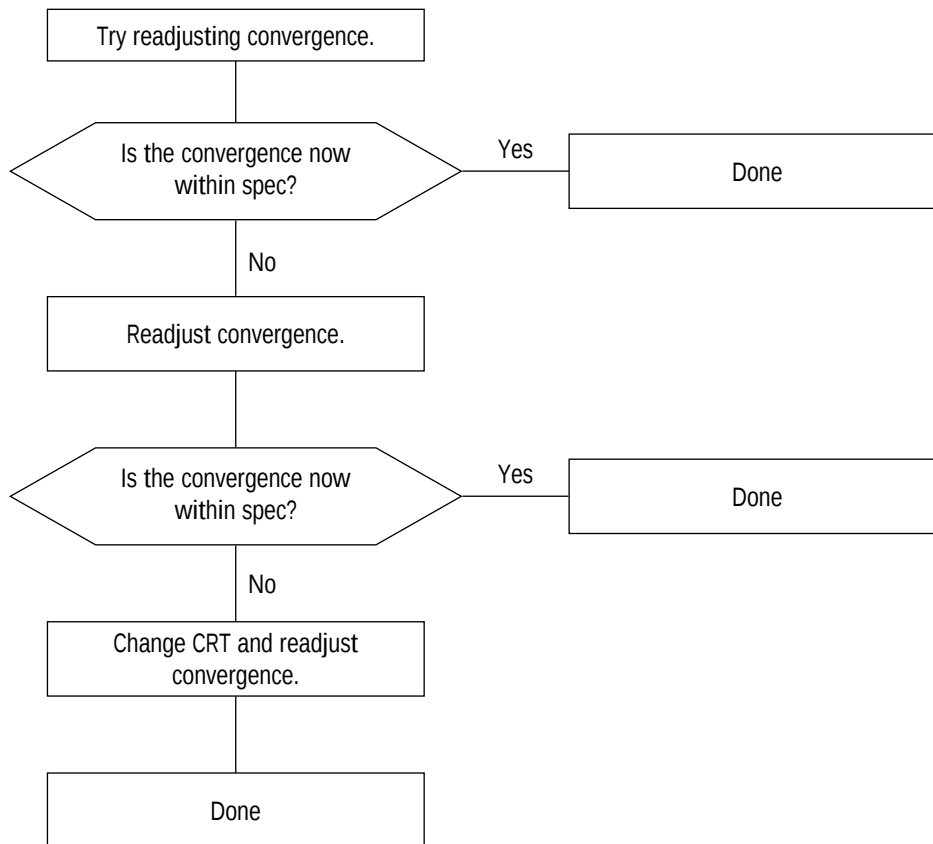


WAVEFORMS

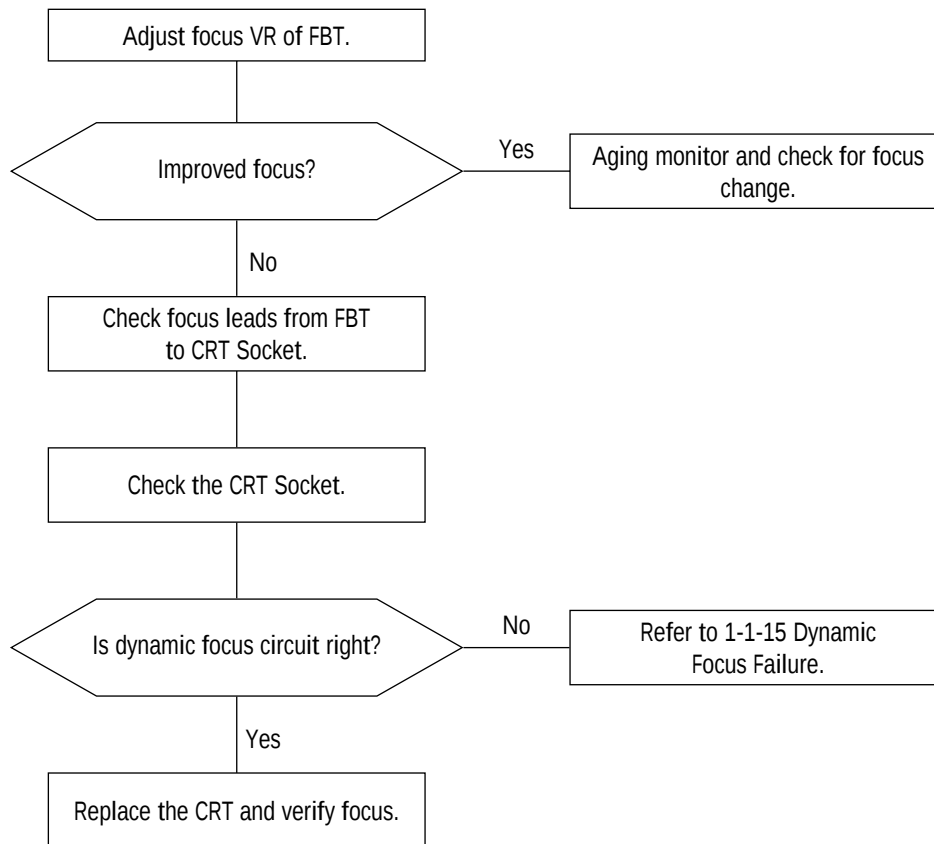


1-2-5 Unsynchronized Image

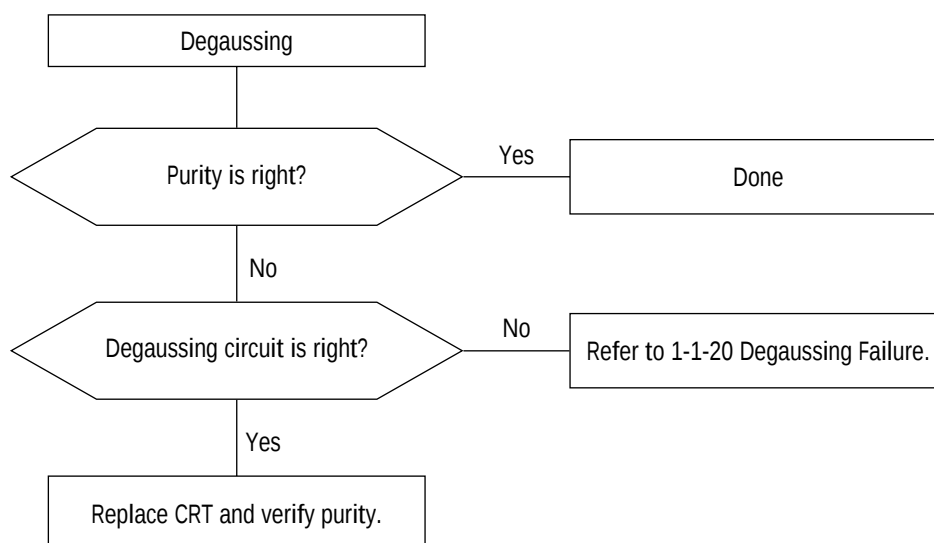


1-2-6 Misconvergence

1-2-7 Poor Focus



1-2-8 Purity Failure



2 Electrical Parts List

2-1 Main PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
B/PCB+LMF	6003-000010	SCREW-TAPTITE	"BWH,+ ,B,M3,L10,ZPC(YEL),SWRCH1"	
BOTTOM	0403-000361	DIODE-ZENER	"UZ6.2BSB,6.2V,5.99-6.24V,500mW"	
C402	2305-000665	"C-FILM,MPEF"	"100nF,5%,63V,TP,7.5x4.0x5.0mm,"	
C409	2306-000147	"C-FILM,MPPF"	"1uF,5%,250V,BK,26x24x15,22.5mm"	
C420	2301-001306	"C-FILM,PPF"	"2.5NF,3%,1.6KV,TP,21.5X15.5X8.5MM,7.5"	△
C430	2306-000249	"C-FILM,MPPF"	"680nF,5%,250V,TP,26x20.5x12,20"	
C512	2201-000020	"C-CERAMIC,DISC"	"10nF,10%,1kV,Y5P,BK,18x5,10"	
C601	2301-001195	"C-FILM,MPPF"	"150nF,10%,275VAC,BK,26x16.5x7,"	
C602	2301-001195	"C-FILM,MPPF"	"150nF,10%,275VAC,BK,26x16.5x7,"	
C608	2401-003367	C-AL	"180uF,20%,400V,GP,BK,25x35mm,1"	
CIS	6501-000004	CABLE TIE	"DA-80,T1,W2.5,L80,NTR,NYLON66"	
CIS	BH39-00016A	CBF-SIGNAL	"-,1550MM,-,IVORY(IV01),2990,-"	
CIS	BH68-00001A	LABEL/MARK-CDT	"ART-PAPER 100G,-,WHT,BLK,-,ALL,CDT"	
CIS	BH72-00025A	GUIDE-POWER	"CDA4507,ABS+PC,5V,IV16,-,-"	
CIS	BH72-00026A	SHAFT-POWER	"CDA4507,ABS+PC,5V,IV16,-,-"	
CIS	BH72-00078A	SHEET-LMF	"DP17L,AL+PC,-,-,0.5,-"	
CIS	BH73-60304C	RUBBER-SUPPORT	"DP15LT,CR V0,GRAY,-,14*7*10,-,-"	
CIS	BH75-00031A	UNIT/SHIELD-BOTTOM	"CDB7907,SECC ,-, -, -"	
CIS	BH71-00002A	EARTH-PLATE/FRONT	"CDB7907,STS 301,T0.15,-,-"	
CIS	BH71-00008A	SHIELD-BOTTOM	"CDA4507,SECC ,T1.0,-,-"	
CN201	3711-003895	CONNECTOR-HEADER	"BOX,13P,1R,2mm,STRAIGHT,SN"	
CN202	3711-003873	CONNECTOR-HEADER	"BOX,7P,1R,2mm,STRAIGHT,SN"	
CN401	3711-003989	CONNECTOR-HEADER	"NOWALL,4P,1R,8mm,STRAIGHT,SN"	△
CN501+G2Y	BH39-00242A	CBF HARNESS	"DB5907,U11032,U1/CSA,1P,290MM,RED,AWG22,YFH800,YPT-018,-----,CBF-GND ASSY"	
CN601	3721-001028	PLUG-AC POWER	"3P,-,-,NI"	△
CN603	3711-004454	CONNECTOR-HEADER	"NOWALL,2P,1R,10mm,STRAIGHT,SN"	
D406	0402-000178	DIODE-RECTIFIER	"3TH41A,1.5KV,3A,DO-201AD,BK"	
D409	0402-001256	DIODE-RECTIFIER	"SUF30JL,600V,3A,P600,BK"	
D414	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D415	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D601	0402-000103	DIODE-BRIDGE	"D2SBA60,600V,1.5A,SIP-4,ST"	
D609	0402-000005	DIODE-RECTIFIER	"31DF4,400V,3A,DO-201AD,BK"	
FBT	6502-000001	CABLE CLAMP	"DAWH-5NB,D15,L35,NTR,NYLON66"	
FUSE	3601-000004	FUSE-CARTRIDGE	"250V,3.15A,SLOW-BLOW,CERAMIC,5x20mm"	
IC201	BH09-00031A	IC-MICOM	"DP15H/17L,DM024 DP15H17L05,42P,DP15H17L05"	
IC401	1204-001724	IC-DEF. PROCESSOR	"TDA9113,SDIP,32P,400MIL,PLASTIC,16V,-,20to+70C,ST,H/V DEF. PROCESSOR"	
IC602	1203-000165	IC-POS1.ADJUST REG.	"78R12,TO-220,3P,-,-,12V,-,0to+ "	
IC604	1203-000001	IC-POS1.FIXED REG.	"7805,TO-220,3P,-,-,PLASTIC,4.8/5"	
JP60	2002-001056	R-COMPOSITION	"180Kohm,2%,1/4W,AA,TP,2.5x6.5mm"	
L401	BH27-20345B	COIL-CHOKE		
L402	BH27-00023A	COIL-CHOKE	"120UH,+/-10%,DR1523(L-81,C:9.8),BK,-,-"	
L403	BH27-20342U	COIL-CHOKE	"-,8.2MH(250KHz),10%,DR8*11,-,-,-,10.5OHM,-,-,-,BULK"	
L601	BH27-00007A	COIL-LINE FILTER	"25MH MIN,-,SQE 2424,BULK,-,-"	
OP201	0601-001147	LED	"ROUND,GRN,4.75mm,565nm"	
Q409	0505-001391	FET-SILICON	"IRF630M,N,200V,9A,0.4ohm,75W,TO-220"	

Loc. No.	Code No.	Description	Specification	Remarks
Q410	0505-001391	FET-SILICON	"IRF630M,N,200V,9A,0.4ohm,75W,TO-220"	
R417	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R527	2001-000864	R-CARBON	"56KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RL601	3501-001111	RELAY-POWER	"12Vdc,250mW,5A,1FormA,15mS,5mS"	
S/BTM+PCB	6003-000010	SCREW-TAPTITE	"BWH,+,B,M3,L10,ZPC(YEL),SWRCH1"	
SW401	3406-000002	SWITCH-ROTARY	"36Vdc,200mA,SP3T,-"	
SW601	3403-001050	SWITCH-PUSH	"30V,0.3A,SPDT,ON-OFF,PC BORD T"	
T401	BH26-00027A	TRANS-HOR.DRIVE	"35.0MH,-,EI 1916,PL-3,-,310UH,-"	⚠
T402	BH26-00028A	TRANS-H.LINEARITY	"5.2UH,6P,DR1425(C:5.0),YL-81,5.2UH/68.0MH,-,HL-1425E"	⚠
T501	BH26-00035A	TRANS-FBT	"1.0MH,13P,FUR3658,HV45,-,FM1059,FEA831"	⚠
T502	BH26-00022A	TRANS-FOCUS	"3.0MH,6P,EI 2218,SB-5S,3.0MH/470MH,25.0UH,EI-2218H"	⚠
T601	BH26-00020A	TRANS-POWER	"390UH,16P,EER 3541,PL-3,PM2,SL1A,HU300A,-,6.0UH,-"	⚠
T602	BH26-30302S	TRANS-SYNC.	"3-1(250UH),-,-,SB-5S,UU1116,3-"	
TH601	1404-000002	THERMISTOR-PTC	"9ohm,20%,-,TR,RECT,-"	
TH602	1404-001020	THERMISTOR-NTC	"8ohm,15%,-,17mW/C,BK"	
VIDEO+MAIN GND	BH39-00024A	CBF-HARNESS	"-,200MM,BLK,UL1015,AWG18,35068-9822"	
BD301	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD401	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD402	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD601	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD602	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD603	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
C201	2401-000025	C-AL	"100uF,20%,16V,GP,TP,6.3x11,5"	
C202	2201-000389	"C-CERAMIC,DISC"	"0.022nF,5%,50V,NP0,TP,5x3,5"	
C203	2201-000389	"C-CERAMIC,DISC"	"0.022nF,5%,50V,NP0,TP,5x3,5"	
C204	2401-002075	C-AL	"4.7uF,20%,50V,GP,TP,5x11,5"	
C205	2401-000603	C-AL	"1uF,20%,50V,GP,TP,5x11,5"	
C206	2401-000050	C-AL	"10uF,20%,16V,GP,TP,5x11,2.5"	
C207	2401-002075	C-AL	"4.7uF,20%,50V,GP,TP,5x11,5"	
C209	2401-002075	C-AL	"4.7uF,20%,50V,GP,TP,5x11,5"	
C210	2401-002075	C-AL	"4.7uF,20%,50V,GP,TP,5x11,5"	
C211	2201-000146	"C-CERAMIC,DISC"	"0.1nF,5%,50V,SL,TP,5x3.5,5"	
C212	2201-000017	"C-CERAMIC,DISC"	"1nF,10%,50V,Y5P,TP,5x3.5,5"	
C213	2401-000029	C-AL	"10uF,20%,100V,GP,TP,6.3x11,5"	
C214	2401-000025	C-AL	"100uF,20%,16V,GP,TP,6.3x11,5"	
C215	2201-000146	"C-CERAMIC,DISC"	"0.1nF,5%,50V,SL,TP,5x3.5,5"	
C216	2401-000603	C-AL	"1uF,20%,50V,GP,TP,5x11,5"	
C217	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C220	2401-000037	C-AL	"470uF,20%,16V,GP,TP,8x11.5,5"	
C221	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C222	2401-000050	C-AL	"10uF,20%,16V,GP,TP,5x11,2.5"	
C301	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
C302	2305-001041	"C-FILM,MPEF"	"220nF,5%,63V,TP,7.5x4.5x13.5,5"	

Loc. No.	Code No.	Description	Specification	Remarks
C305	2401-000037	C-AL	"470uF,20%,16V,GP,TP,8x11.5,5"	
C306	2401-000856	C-AL	"220uF,20%,35V,WT,TP,10x20,5"	
C307	2305-000237	"C-FILM,MPEF"	"1uF,5%,63V,TP,7.5x15.5mm,5mm"	
C308	2301-000013	"C-FILM,PEF"	"4.7nF,5%,100V,TP,10.5x12.5x6.5"	
C309	2202-002008	"C-CERAMIC,MLC-AXIAL"	"10nF,+80-20%,50V,Y5V,TP,2.3X3."	
C311	2301-001027	"C-FILM,PEF"	"15nF,10%,250V,TP,9.5x12x4.5,5m"	
C312	2401-001016	C-AL	"3.3UF,20%,50V,BP,TP,5X11,5"	
C401	2301-000312	"C-FILM,PEF"	"8.2nF,5%,100V,TP,6x12.5mm,5mm"	
C403	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C404	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C405	2201-000823	"C-CERAMIC,DISC"	"0.27nF,5%,50V,SL,TP,8x3.5,5"	
C406	2301-000519	"C-FILM,PEF"	"3.3nF,5%,100V,TP,5.8x3x12.5,5m"	
C407	2401-000540	C-AL	"150uF,20%,63V,LZ,TP,10x25,5"	
C408	2201-000469	"C-CERAMIC,DISC"	"0.33nF,10%,500V,Y5P,TP,5.5x3,5"	
C410	2401-000025	C-AL	"100uF,20%,16V,GP,TP,6.3x11,5"	
C411	2301-000005	"C-FILM,PEF"	"33nF,5%,100V,TP,5.8x12.5x3,5"	
C412	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C413	2401-001012	C-AL	"3.3UF,20%,50V,BP,TP,16X25,7.5"	
C414	2401-001334	C-AL	"470nF,20%,50V,GP,TP,5x11,2.5"	
C415	2401-001218	C-AL	"4.7uF,20%,100V,WT,TP,5x11,5"	
C416	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
C417	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C419	2301-001305	"C-FILM,PPF"	"2.2NF,3%,1.6KV,TP,22X15.5X8.5MM,7.5"	
C421	2303-001029	"C-FILM,PPF"	"5.2nF,5%,630V,TP,19x7x13,7.5"	
C423	2401-000603	C-AL	"1uF,20%,50V,GP,TP,5x11,5"	
C425	2306-000119	"C-FILM,MPPF"	"100nF,5%,250V,TP,19x14.5x6.5,7"	
C426	2401-000603	C-AL	"1uF,20%,50V,GP,TP,5x11,5"	
C427	2306-000164	"C-FILM,MPPF"	"220nF,5%,250V,TP,19x22x10,7.5m"	
C429	2401-000603	C-AL	"1uF,20%,50V,GP,TP,5x11,5"	
C431	2306-000179	"C-FILM,MPPF"	"300nF,5%,250V,TP,20x18.5x10.5,"	
C432	2305-001033	"C-FILM,MPEF"	"15nF,10%,250V,TP,13X9.0X4.5mm,"	
C433	2305-001003	"C-FILM,MPEF"	"10nF,5%,250V,TP,13x4.5x9mm,7.5"	
C434	2401-001016	C-AL	"3.3UF,20%,50V,BP,TP,5X11,5"	
C435	2201-000469	"C-CERAMIC,DISC"	"0.33nF,10%,500V,Y5P,TP,5.5x3,5"	
C501	2301-000016	"C-FILM,PEF"	"22nF,5%,100V,TP,7.2x4.5x9.0mm,"	
C502	2301-000016	"C-FILM,PEF"	"22nF,5%,100V,TP,7.2x4.5x9.0mm,"	
C503	2401-000050	C-AL	"10uF,20%,16V,GP,TP,5x11,2.5"	
C504	2301-000004	"C-FILM,PEF"	"2.2nF,5%,100V,TP,5.5X10X2.9,5m"	
C505	2401-000059	C-AL	"220nF,20%,50V,GP,-,5x11,5"	
C507	2201-000291	"C-CERAMIC,DISC"	"1nF,10%,500V,Y5P,TP,7.5x3.5,5"	
C508	2401-002267	C-AL	"2.2uF,20%,250V,GP,TP,8x11.5,5"	
C509	2401-002267	C-AL	"2.2uF,20%,250V,GP,TP,8x11.5,5"	
C510	2301-000005	"C-FILM,PEF"	"33nF,5%,100V,TP,5.8x12.5x3,5"	
C511	2301-000519	"C-FILM,PEF"	"3.3nF,5%,100V,TP,5.8x3x12.5,5m"	
C513	2201-000291	"C-CERAMIC,DISC"	"1nF,10%,500V,Y5P,TP,7.5x3.5,5"	
C514	2401-001334	C-AL	"470nF,20%,50V,GP,TP,5x11,2.5"	
C515	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	⚠

Loc. No.	Code No.	Description	Specification	Remarks
C551	2401-000050	C-AL	"10uF,20%,16V,GP,TP,5x11,2,5"	⚠
C552	2201-000132	"C-CERAMIC,DISC"	"0.1nF,10%,500V,Y5P,TP,6.5x3,5"	
C603	2201-000023	"C-CERAMIC,DISC"	"2.2nF,20%,125V,Y5U,TP,11x7,5"	
C604	2201-000023	"C-CERAMIC,DISC"	"2.2nF,20%,125V,Y5U,TP,11x7,5"	
C605	2305-001041	"C-FILM,MPEF"	"220nF,5%,63V,TP,7.5x4.5x13.5,5"	
C607	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C609	2401-000971	C-AL	"22uF,20%,50V,WT,TP,6x11mm,5mm"	
C610	2301-000284	"C-FILM,PEF"	"47nF,5%,100V,TP,8.5x12.5mm,5mm"	
C611	2401-000613	C-AL	"1uF,20%,50V,WT,TP,5x11,5"	
C612	2401-000613	C-AL	"1uF,20%,50V,WT,TP,5x11,5"	
C613	2201-000012	"C-CERAMIC,DISC"	"0.22nF,10%,1kV,Y5P,TP,6.3x5,5"	⚠
C614	2201-000019	"C-CERAMIC,DISC"	"10nF,+80-20%,500V,Y5V,TP,13.5x4mm,5"	
C615	2201-000291	"C-CERAMIC,DISC"	"1nF,10%,500V,Y5P,TP,7.5x3.5,5"	
C616	2201-000023	"C-CERAMIC,DISC"	"2.2nF,20%,125V,Y5U,TP,11x7,5"	
C617	2201-000023	"C-CERAMIC,DISC"	"2.2nF,20%,125V,Y5U,TP,11x7,5"	
C618	2401-000039	C-AL	"1000uF,20%,16V,GP,TP,10x16,5"	
C619	2201-000469	"C-CERAMIC,DISC"	"0.33nF,10%,500V,Y5P,TP,5.5x3,5"	
C620	2401-000540	C-AL	"150uF,20%,63V,LZ,TP,10x25,5"	
C621	2401-001551	C-AL	"47uF,20%,35V,GP,TP,6.3x11,5"	
C622	2401-000039	C-AL	"1000uF,20%,16V,GP,TP,10x16,5"	
C623	2401-000039	C-AL	"1000uF,20%,16V,GP,TP,10x16,5"	⚠
C626	2401-000025	C-AL	"100uF,20%,16V,GP,TP,6.3x11,5"	
C627	2401-000292	C-AL	"100uF,20%,16V,WT,TP,8x11.5mm,5"	
C630	2401-001561	C-AL	"47uF,20%,35V,WT,TP,8x11.5,5"	
C631	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CN304	3711-000197	CONNECTOR-HEADER	"1WALL,3P,1R,2.5mm,STRAIGHT,SN"	
D301	0402-000274	DIODE-RECTIFIER	"UF4004,400V,1A,DO-41,TP"	
D401	0402-000274	DIODE-RECTIFIER	"UF4004,400V,1A,DO-41,TP"	
D402	0402-000006	DIODE-RECTIFIER	"1N4007GP,1000V,1A,DO-41,TP"	
D403	0402-000006	DIODE-RECTIFIER	"1N4007GP,1000V,1A,DO-41,TP"	
D404	0402-000006	DIODE-RECTIFIER	"1N4007GP,1000V,1A,DO-41,TP"	⚠
D405	0402-000274	DIODE-RECTIFIER	"UF4004,400V,1A,DO-41,TP"	
D407	0402-001118	DIODE-RECTIFIER	"UF1G,400V,1.2A,DO-204AL,TP"	
D410	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D411	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D412	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D413	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D420	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D421	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D422	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
D501	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	⚠
D502	0402-000017	DIODE-RECTIFIER	"RGP02-12,1200V,0.5A,DO-204AL,T"	
D503	0402-000017	DIODE-RECTIFIER	"RGP02-12,1200V,0.5A,DO-204AL,T"	

Loc. No.	Code No.	Description	Specification	Remarks
D504	0402-000017	DIODE-RECTIFIER	"RGP02-12,1200V,0.5A,DO-204AL,T"	
D505	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
D506	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D507	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D508	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D509	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D510	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D511	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D512	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D513	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D514	0402-000017	DIODE-RECTIFIER	"RGP02-12,1200V,0.5A,DO-204AL,T"	
D602	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D604	0402-000012	DIODE-RECTIFIER	"UF4007,1KV,1A,DO-41,TP"	
D605	0402-000012	DIODE-RECTIFIER	"UF4007,1KV,1A,DO-41,TP"	
D606	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D607	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D608	0402-000274	DIODE-RECTIFIER	"UF4004,400V,1A,DO-41,TP"	
D610	0402-000012	DIODE-RECTIFIER	"UF4007,1KV,1A,DO-41,TP"	
D611	0402-001118	DIODE-RECTIFIER	"UF1G,400V,1.2A,DO-204AL,TP"	
D612	0402-000546	DIODE-RECTIFIER	"TVR10G,400V,1.0A,DO-41,TP"	
D614	0402-000274	DIODE-RECTIFIER	"UF4004,400V,1A,DO-41,TP"	
D615	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D616	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
EY301	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY302	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY401	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY402	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY403	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY501	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY502	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY503	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY504	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY505	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY506	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY507	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY508	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY601	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY602	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY603	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY604	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY605	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY606	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY607	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY608	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY609	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
FH1	3602-000001	FUSE-CLIP	"-,30mohm"	
GT603	BH71-40300A	PIN-HINGE	"-,BRASS,D2.36,SN,HEAT/SINK"	

Loc. No.	Code No.	Description	Specification	Remarks
GT604	BH71-40300A	PIN-HINGE	"-,BRASS,D2.36,SN,HEAT/SINK"	
IC202	1103-000156	IC-EEPROM	"24C04,512x8BIT,DIP,8P,300MIL,1"	
IC603	1201-000229	IC-OP AMP	"324,DIP,14P,300MIL,QUAD,100V/m"	
IC605	1203-000495	IC-RESET	"7045,T0-92,3P,-,PLASTIC,4.3/4."	
JP1	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP10	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP11	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP12	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP13	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP14	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP16	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP17	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP18	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP19	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP2	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP20	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP21	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP22	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP23	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP24	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP25	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP26	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP27	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP29	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP3	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP30	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP31	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP32	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP33	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP34	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP35	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP36	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP37	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP38	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP39	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP4	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP40	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP41	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP42	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP44	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP45	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP46	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP47	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP48	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP49	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP5	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP50	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	

Loc. No.	Code No.	Description	Specification	Remarks
JP55	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP56	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP57	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP58	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP62	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP63	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP64	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP65	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP66	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP67	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP68	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP69	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP70	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP71	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP72	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP8	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP9	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
MP2.6	BH41-00012A	P.C.B-MAIN	"-,FR-1,-,-,"	
Q301	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
Q302	0501-000303	TR-SMALL SIGNAL	"KSA733,PNP,250mW,TO-92,TP,120-"	
Q303	0501-000413	TR-SMALL SIGNAL	"KSP44,NPN,625mW,TO-92,-,50-200"	
Q401	0501-000122	TR-SMALL SIGNAL	"2N3904,NPN,625mW,TO-92,TP,100-"	
Q403	0501-000372	TR-SMALL SIGNAL	"KSC2383-Y,NPN,900mW,TO-92L,-,1"	
Q405	0501-000303	TR-SMALL SIGNAL	"KSA733,PNP,250mW,TO-92,TP,120-"	
Q406	0501-000303	TR-SMALL SIGNAL	"KSA733,PNP,250mW,TO-92,TP,120-"	
Q407	0501-000010	TR-SMALL SIGNAL	"KSC1008,NPN,800mW,TO-92,TP,120"	
Q412	0501-000404	TR-SMALL SIGNAL	"KSD1616-Y,NPN,750mW,TO-92,TP,1"	
Q413	0501-000321	TR-SMALL SIGNAL	"KSB1116-Y,PNP,0.75W,TO-92,-,13"	
Q414	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
Q415	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
Q416	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
Q501	0501-000143	TR-SMALL SIGNAL	"2N6520,PNP,625mW,TO-92,-,30-20"	
Q502	0501-000143	TR-SMALL SIGNAL	"2N6520,PNP,625mW,TO-92,-,30-20"	
Q503	0501-000303	TR-SMALL SIGNAL	"KSA733,PNP,250mW,TO-92,TP,120-"	
Q551	0501-000413	TR-SMALL SIGNAL	"KSP44,NPN,625mW,TO-92,-,50-200"	
Q601	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
Q602	0501-000122	TR-SMALL SIGNAL	"2N3904,NPN,625mW,TO-92,TP,100-"	
Q604	0501-000404	TR-SMALL SIGNAL	"KSD1616-Y,NPN,750mW,TO-92,TP,1"	
Q608	0501-000010	TR-SMALL SIGNAL	"KSC1008,NPN,800mW,TO-92,TP,120"	
Q609	0501-002228	TR-SMALL SIGNAL	"KTA1281,PNP,1000MW,TO-92L,TP,120-240"	
Q610	0501-000586	TR-SMALL SIGNAL	"KSC945,NPN,250mW,TO-92,TP,120-"	
R200	2001-000869	R-CARBON	"560HM,5%,1/8W,AA,TP,1.8X3.2MM"	
R201	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R202	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R203	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R204	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	

Loc. No.	Code No.	Description	Specification	Remarks
R206	2001-000515	R-CARBON	"220OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R207	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R208	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R209	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R210	2001-000472	R-CARBON	"2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R211	2001-000904	R-CARBON	"620OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R212	2001-000613	R-CARBON	"3.9KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R213	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R214	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R215	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R216	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R217	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R218	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R219	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R220	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R221	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R222	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R223	2001-000038	R-CARBON	"390OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R224	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R225	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R229	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R230	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R231	2001-000241	R-CARBON	"1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R232	2001-000812	R-CARBON	"5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R233	2001-000331	R-CARBON	"12KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R234	2001-000563	R-CARBON	"27KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R235	2001-000472	R-CARBON	"2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R236	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R301	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R302	2004-000580	R-METAL	"22Kohm,1%,1/4W,AA,TP,2.4x6.4mm"	
R303	2001-000890	R-CARBON	"6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R304	2001-000890	R-CARBON	"6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R306	2004-001022	R-METAL	"5.6Kohm,1%,1/4W,AA,TP,2.4x6.4m"	
R307	2001-001048	R-CARBON(S)	"1.2OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R308	2001-001088	R-CARBON(S)	"1KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R309	2004-004014	R-METAL	"2.4ohm,1%,1/4W,AA,TP,2.4x6.4mm"	
R310	2004-001136	R-METAL	"6.8Kohm,1%,1/4W,AA,TP,2.4x6.4m"	
R311	2001-000890	R-CARBON	"6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R312	2001-000812	R-CARBON	"5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R315	2004-004014	R-METAL	"2.4ohm,1%,1/4W,AA,TP,2.4x6.4mm"	
R316	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R317	2001-000561	R-CARBON	"27KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R318	2001-000766	R-CARBON	"43KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R319	2001-000947	R-CARBON	"7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R320	2001-000331	R-CARBON	"12KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R321	2001-000591	R-CARBON	"3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	

Loc. No.	Code No.	Description	Specification	Remarks
R322	2001-000890	R-CARBON	"6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R323	2001-000022	R-CARBON(S)	"330HM,5%,1/2W,AA,TP,2.4X6.4MM"	
R324	2001-000660	R-CARBON	"33KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R325	2003-000805	R-METAL OXIDE(S)	"82ohm,5%,1W,AA,TP,3.3x9mm"	
R326	2003-000805	R-METAL OXIDE(S)	"82ohm,5%,1W,AA,TP,3.3x9mm"	
R401	2004-000907	R-METAL	"4.7Mohm,5%,1/4W,AA,TP,2.4x6.4mm"	
R402	2001-000869	R-CARBON	"56OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R403	2004-001226	R-METAL	"750ohm,1%,1/4W,AA,TP,2.4x6.4mm"	
R404	2004-000498	R-METAL	"2.7Kohm,1%,1/4W,AA,TP,2.4x6.4m"	
R405	2001-000591	R-CARBON	"3.3KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R406	2001-000522	R-CARBON	"22KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R407	2001-000109	R-CARBON(S)	"470OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R408	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R409	2001-000812	R-CARBON	"5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R410	2003-000650	R-METAL OXIDE(S)	"330ohm,5%,2W,AA,TP,4x12mm"	
R411	2001-001096	R-CARBON(S)	"2.2OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R412	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R413	2001-001038	R-CARBON(S)	"0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R414	2001-001038	R-CARBON(S)	"0.56OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R415	2003-000429	R-METAL OXIDE(S)	"1.5Kohm,5%,2W,AA,TP,4x12mm"	
R416	2001-000107	R-CARBON(S)	"150KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R418	2001-000221	R-CARBON	"1.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R419	2001-000397	R-CARBON	"180KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R420	2001-000395	R-CARBON	"180KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R421	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-, -,AWG22(0."	
R422	2001-001006	R-CARBON	"82OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R423	2001-000258	R-CARBON	"1.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R424	2004-000284	R-METAL	"12Kohm,1%,1/4W,AA,TP,2.4x6.4mm"	
R425	2001-000044	R-CARBON	"1.2KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R426	2001-000110	R-CARBON	"10OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R427	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R428	2003-000653	R-METAL OXIDE(S)	"330ohm,5%,3W,AA,TP,6x16mm"	
R429	2001-000052	R-CARBON(S)	"3.3KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R430	2001-001078	R-CARBON(S)	"15KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R431	2003-000407	R-METAL OXIDE(S)	"0.6ohm,5%,2W,AA,TP,4x12mm"	
R432	2001-000020	R-CARBON(S)	"22OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R434	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R435	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R436	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R437	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R438	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R439	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R440	2001-000947	R-CARBON	"7.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R441	2001-000411	R-CARBON	"18KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R443	2003-000502	R-METAL OXIDE(S)	"150ohm,5%,2W,AA,TP,4x12mm"	
R444	2003-000767	R-METAL OXIDE(S)	"680ohm,5%,2W,AA,TP,4x12mm"	
R445	2001-000019	R-CARBON(S)	"10OHM,5%,1/2W,AA,TP,2.4X6.4MM"	

Loc. No.	Code No.	Description	Specification	Remarks
R446	2001-000117	R-CARBON(S)	"680HM,5%,1/2W,AA,TP,2.4X6.4MM"	
R447	2003-000777	R-METAL OXIDE(S)	"68ohm,5%,2W,AA,TP,4x12mm"	
R448	2003-000777	R-METAL OXIDE(S)	"68ohm,5%,2W,AA,TP,4x12mm"	
R449	2001-000211	R-CARBON	"10HM,5%,1/4W,AA,TP,2.4X6.4MM"	
R450	2001-000563	R-CARBON	"27KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R451	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R452	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R453	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R454	2003-000650	R-METAL OXIDE(S)	"330ohm,5%,2W,AA,TP,4x12mm"	
R500	2001-000435	R-CARBON	"1MOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R501	2001-000472	R-CARBON	"2.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R502	2004-000979	R-METAL	"47Kohm,1%,1/4W,AA,TP,2.4x6.4mm"	⚠
R503	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R504	2001-000008	R-CARBON	"15KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	⚠
R505	2001-000241	R-CARBON	"1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	⚠
R506	2004-000657	R-METAL	"27Kohm,1%,1/4W,AA,TP,2.4x6.4mm"	⚠
R507	2004-000216	R-METAL	"10Kohm,1%,1/4W,AA,TP,2.4x6.4mm"	⚠
R508	2002-000121	R-COMPOSITION	"1Mohm,10%,1/2W,AA,TP,3.5x9.5mm"	
R509	2002-000121	R-COMPOSITION	"1Mohm,10%,1/2W,AA,TP,3.5x9.5mm"	
R510	2001-000837	R-CARBON	"51KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R511	2001-000478	R-CARBON	"2.7OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R512	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	⚠
R513	2001-001106	R-CARBON(S)	"220KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R514	2001-000837	R-CARBON	"51KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R515	2001-000546	R-CARBON	"270KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R516	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,AWG22(0.)"	
R517	2001-000987	R-CARBON	"820KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R518	2001-001031	R-CARBON	"91KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R519	2001-000356	R-CARBON	"150KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R520	2001-000241	R-CARBON	"1.5KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R521	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,AWG22(0.)"	
R522	2002-000121	R-COMPOSITION	"1Mohm,10%,1/2W,AA,TP,3.5x9.5mm"	
R524	2001-000660	R-CARBON	"33KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R525	2001-000273	R-CARBON	"100KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R526	2001-000908	R-CARBON	"62KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R528	2001-000262	R-CARBON	"1.8MOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R529	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R551	2001-000530	R-CARBON	"240KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R552	2001-000537	R-CARBON	"24KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R553	2001-001129	R-CARBON(S)	"330KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R554	2001-001110	R-CARBON(S)	"240KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R555	2001-000042	R-CARBON	"1KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R556	2001-000890	R-CARBON	"6.8KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R600	2001-001129	R-CARBON(S)	"330KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	⚠
R601	2001-001129	R-CARBON(S)	"330KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	⚠
R602	2001-000023	R-CARBON	"47OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R603	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	

Loc. No.	Code No.	Description	Specification	Remarks
R604	2001-000857	R-CARBON	"560OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R605	2001-000734	R-CARBON	"4.7KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R606	2003-000225	R-METAL OXIDE	"22Kohm,5%,1W,AA,TP,4.3x12mm"	
R607	2003-000225	R-METAL OXIDE	"22Kohm,5%,1W,AA,TP,4.3x12mm"	
R608	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R609	2002-001056	R-COMPOSITION	"180Kohm,2%,1/4W,AA,TP,2.5x6.5mm"	
R610	2002-001056	R-COMPOSITION	"180Kohm,2%,1/4W,AA,TP,2.5x6.5mm"	
R611	2001-001079	R-CARBON(S)	"150HM,5%,1/2W,AA,TP,2.4X6.4MM"	
R612	2003-000738	R-METAL OXIDE(S)	"56Kohm,5%,2W,AA,TP,4x12mm"	
R613	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R614	2001-001107	R-CARBON(S)	"220ohm,5%,1/2W,AA,TP,2.4x6.4mm"	
R615	2001-001088	R-CARBON(S)	"1KOHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R617	2001-001037	R-CARBON(S)	"0.390HM,5%,1/2W,AA,TP,2.4X6.4MM"	
R618	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R619	2003-000471	R-METAL OXIDE(S)	"10ohm,5%,2W,AA,TP,4x12mm"	
R620	2001-000354	R-CARBON	"150KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R621	2001-000989	R-CARBON	"820KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R622	2001-000211	R-CARBON	"1OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
R625	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R630	2001-000786	R-CARBON	"47KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R631	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R632	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R633	2001-000211	R-CARBON	"1OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
SK501	4715-000001	SURGE ABSORBER	"1KV,+50-10%,--,"	
SW201	3404-000244	SWITCH-TACT	"15V,20mA,90-170gf,7.5x7mm,SPST"	
SW202	3404-000244	SWITCH-TACT	"15V,20mA,90-170gf,7.5x7mm,SPST"	
SW203	3404-000244	SWITCH-TACT	"15V,20mA,90-170gf,7.5x7mm,SPST"	
SW204	3404-000244	SWITCH-TACT	"15V,20mA,90-170gf,7.5x7mm,SPST"	
TP501	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
X201	2801-000005	CRYSTAL-UNIT	"8MHz,50ppm,28-AAM,S,35ohm,TP"	
ZD201	0403-000355	DIODE-ZENER	"UZ5.1BSB,5.1V,4.97-5.18V,500mW"	
ZD202	0403-000355	DIODE-ZENER	"UZ5.1BSB,5.1V,4.97-5.18V,500mW"	
ZD203	0403-000355	DIODE-ZENER	"UZ5.1BSB,5.1V,4.97-5.18V,500mW"	
ZD204	0403-000355	DIODE-ZENER	"UZ5.1BSB,5.1V,4.97-5.18V,500mW"	
ZD205	0403-000361	DIODE-ZENER	"UZ6.2BSB,6.2V,5.99-6.24V,500mW"	
ZD502	0403-001068	DIODE-ZENER	"UZ4.7BSA,4.7V,4.47-4.65V,500mW"	
ZD601	0403-000361	DIODE-ZENER	"UZ6.2BSB,6.2V,5.99-6.24V,500mW"	
ZD603	0403-001068	DIODE-ZENER	"UZ4.7BSA,4.7V,4.47-4.65V,500mW"	
HS501	BH99-00001B	"ASSY,HEAT/SINK"	"H/S FBT,SPRING,KA5802,DTV56F,KSC2058,OIL SILICON,-,-,"	
CIS	0402-001255	DIODE-RECTIFIER	"DTV56F,1.5KV,10A,TO-220AC,BK"	
CIS	0502-000465	TR-POWER	"KTD2058-Y,NPN,25W,TO-220IS,ST,"	
CIS	0502-001129	TR-POWER	"KSC5802,NPN,70W,TO-3PF,ST,5-"	
CIS	BH61-00004A	SPRING-TR	"CDA,CDB,SUS304,T0.5,-,-,-,"	
CIS	BH61-70003A	SPRING	"CVT4857,STS304-W1/2H,T0.5,W3.8"	
CIS	BH62-00002A	HEAT/SINK-FBT	"-,T1.0,-,A1050S,DA/DB"	
HS301	BH99-00002A	"ASSY,HEAT/SINK"	"H/S V.IC,SCREW+NUT,KA2142,-,-,OIL SILICON,-,-,"	
CIS	1204-001508	IC-VERTICAL DEF.	"KA2142,SIP,10P,-,PLASTIC,35V,15W,-,20TO+70C,ST,VERTICAL DEFLECTION"	

2 Electrical Parts List

Loc. No.	Code No.	Description	Specification	Remarks
CIS	6006-001008	SCREW-ASS'Y MACH	"WSP,BH,+,M3,L10,ZPC(YEL),SWRCH"	
CIS	6021-000118	NUT-HEXAGON	"1C,M3,ZPC(YEL),SM20C"	
CIS	BH62-00003A	HEAT/SINK-V.IC	"-,T1,-,A1050S,DA/DB"	
HS601	BH99-00003A	"ASSY,HEAT/SINK"	"H/S POWER,SPRING,DP104,-,-,RUBBER,-,-"	
CIS	BH13-00004A	IC-HYBRID	"-,DP104C,TO-220-5L,5P,POWER SWITCH,-,-"	
CIS	BH61-00004A	SPRING-TR	"CDA,CDB,SUS304,T0.5,-,-,-,-"	
CIS	BH62-00004A	HEAT/SINK-POWER	"-,T1,-,A1050S,DA/DB"	
CIS	BH62-20001B	RUBBER	"CSQ4357,W25*L20*T0.45,-,-,-,-"	
HS401	BH99-00006A	"ASSY,HEAT/SINK"	"H/S,SCREW+NUT,IRF630,-,-,OIL SILICON,-,-"	
CIS	6006-001008	SCREW-ASS'Y MACH	"WSP,BH,+,M3,L10,ZPC(YEL),SWRCH"	
CIS	6021-000118	NUT-HEXAGON	"1C,M3,ZPC(YEL),SM20C"	
CIS	BH62-30024A	HEAT/SINK-TR	"SPC,T1,SN,CFX1577L"	
HS402	BH99-00015A	ASSY HEAT/SINK	"HS TR,SPRING,IRF630(SGS),-,-,OIL SILICON"	
CIS	BH61-00004A	SPRING-TR	"CDA,CDB,SUS304,T0.5,-,-,-,-"	
CIS	BH62-00024A	HEAT SINK—TR	"SPC-1,T1.0,-,DT,IBM TANGO"	

2-2 Video PCB Parts

Loc. No.	Code No.	Description	Specification	Remarks
CIS	BH71-00006A	SHIELD-VIDEO/CAP	"CDA4507,SPT,TO.2,-,-"	
CIS	BH75-00192H	UNIT/SHIELD-VIDEO	"DEL,-,SPT,-,-,14","15","17","-,"	
CIS	BH61-00002A	SPRING-VIDEO	"CDB7907,STS H14 ,T1.0,-,-,NORMAL CDT"	
CIS	BH71-00007A	SHIELD-VIDEO	"CDA4507,SPT,TO.2,-,-"	
CIS	BH72-00024A	HOLDER-VIDEO	"CDA4507,ABS+PC,5V,IV16,-,NORMAL CRT"	
CIS	BH73-00014A	HOLDER-RUBBER(NORMAL)	"DEL,SILICON V2,GRAY,-,-,NORMAL"	
CN101	3711-004228	CONNECTOR-HEADER	"BOX,6P,1R,2MM,ANGLE,SN"	
CN102	BH39-00015A	CBF-HARNESS	"13P/14P,200MM,WHT/BLK/RED/BLU,UL1007,AWG26,SMH200-13/YBNH200-14"	
IC101	1201-001409	IC-VIDEO AMP	"S1D2506A01,DIP,28P,600MIL,SINGLE,-,PLASTIC,13.2V,2.0,-20to+70CC,-,-,-,ST"	
IC104	1204-001529	IC-OSD PROCESSOR	"SSD2501E09,DIP,24P,300MIL,PLASTIC,6.5V,1200mV,0to+70C,ST,2""±(ENGLISH/CHINA)"	
LJP1	BH39-40306D	CBF-HARNESS	"80MM,BLK,1015,AWG22,-,-,-,-"	
S/VID	6502-000001	CABLE CLAMP	"DAWH-5NB,D15,L35,NTR,NYLON66"	
S/VID+H/S	6003-000010	SCREW-TAPTITE	"BWH,+ ,B,M3,L10,ZPC(YEL),SWRCH1"	
SK01	3704-001116	SOCKET-CRT	"11P,22.5PI,26.5PI,NI,-"	
SK102	4715-000001	SURGE ABSORBER	"1KV,+50-10%,-,-,"	
V_BOTTOM	BH39-40361A	CBF-HARNESS	"- ,40MM,BLK,UL 1015,AWG22,-"	
BD101	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD102	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
BD103	3301-000011	CORE-FERRITE BEAD	"AA,3.5x1.0x5.7mm,1500,2375G"	
C101	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C102	2401-001334	C-AL	"470nF,20%,50V,GP,TP,5x11,2.5"	
C103	2401-000037	C-AL	"470uF,20%,16V,GP,TP,8x11.5,5"	
C104	2202-002008	"C-CERAMIC,MLC-AXIAL"	"10nF,+80-20%,50V,Y5V,TP,2.3X3."	
C105	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C106	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C107	2401-000010	C-AL	"220uF,20%,16V,GP,-,6.3x11mm,2."	
C108	2401-001459	C-AL	"47uF,20%,100V,GP,TP,10x16.5,5"	
C110	2401-000037	C-AL	"470uF,20%,16V,GP,TP,8x11.5,5"	
C111	2401-000031	C-AL	"47uF,20%,16V,GP,TP,5x11,5"	
C112	2401-000050	C-AL	"10uF,20%,16V,GP,TP,5x11,2.5"	
C113	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
C114	2301-000014	"C-FILM,PEF"	"6.8nF,5%,100V,TP,5.8x12.5mm,5m"	
C116	2301-000188	"C-FILM,PEF"	"1nF,5%,100V,TP,10.5x12.5x6.5,5"	
C117	2301-000106	"C-FILM,PEF"	"1.5nF,0.05,100V,TP,10.5*12.5*6"	
C118	2201-000471	"C-CERAMIC,DISC"	"0.33nF,10%,50V,Y5P,TP,4x3.5,5"	
C119	2201-000291	"C-CERAMIC,DISC"	"1nF,10%,500V,Y5P,TP,7.5x3.5,5"	
C120	2201-000285	"C-CERAMIC,DISC"	"1nF,10%,1kV,Y5P,TP,8x5,5"	
C121	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
C122	2201-000117	"C-CERAMIC,DISC"	"1.8nF,10%,500V,Y5P,TP,8.5x3,5"	
C123	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C124	2301-000148	"C-FILM,PEF"	"10nF,5%,100V,TP,7x3.2x7mm,5mm"	
C125	2401-000010	C-AL	"220uF,20%,16V,GP,-,6.3x11mm,2."	
CB01	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CB02	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CB04	2401-000055	C-AL	"1uF,20%,160V,WT,TP,3x11,5mm"	
CB05	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
CB06	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	

Loc. No.	Code No.	Description	Specification	Remarks
CG01	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CG02	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CG03	2201-000483	"C-CERAMIC,DISC"	"0.033nF,5%,50V,NP0,TP,5x3.5,5"	
CG04	2401-000055	C-AL	"1uF,20%,160V,WT,TP,3x11,5mm"	
CG05	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
CG06	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CR01	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CR02	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
CR04	2401-000055	C-AL	"1uF,20%,160V,WT,TP,3x11,5mm"	
CR05	2301-000010	"C-FILM,PEF"	"100nF,5%,100V,TP,11.5x12.5mm,5"	
CR06	2202-002009	"C-CERAMIC,MLC-AXIAL"	"100nF,+80-20%,50V,Y5V,TP,2.3X3"	
D101	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D102	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
D103	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DB01	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DB02	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DB03	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DB04	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DB05	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DB06	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DG01	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DG02	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DG03	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DG04	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DG05	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DG06	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DR01	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DR02	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DR03	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DR04	0401-000004	DIODE-SWITCHING	"1SS244,250V,200mA,DO-34,TP"	
DR05	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
DR06	0401-000005	DIODE-SWITCHING	"1N4148,100V,200MA,DO-35,TP"	
EY1	6042-000002	EYELET	"ID1.5,OD2,L3.1,SN,BSS3-E/EH"	
EY2	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
EY3	6042-000001	EYELET	"ID2.2,OD2.7,L3.1,SN,BSS3-E/EH"	
G2	BH71-40300A	PIN-HINGE	"-,BRASS,D2.36,SN,HEAT/SINK"	
GND	BH71-40300A	PIN-HINGE	"-,BRASS,D2.36,SN,HEAT/SINK"	
JP101	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP102	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP103	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP104	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP105	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP106	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP107	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP108	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP109	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	
JP110	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0.""	

Loc. No.	Code No.	Description	Specification	Remarks
JP111	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP112	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP113	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP114	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP115	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP116	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP117	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP118	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
JP119	BH39-40305U	CBF HARNESS	"52MM,AWG22(0.6PI),-,-,AWG22(0."	
LB01	2701-000190	INDUCTOR-AXIAL	"470nH,10%,4x9.8mm"	
LG01	2701-000190	INDUCTOR-AXIAL	"470nH,10%,4x9.8mm"	
LR01	2701-000190	INDUCTOR-AXIAL	"470nH,10%,4x9.8mm"	
MP2.1	BH41-00013A	PCB-DISPLAY	"-,FR-1,1 LAYER,1.6T,-"	
Q101	0501-000122	TR-SMALL SIGNAL	"2N3904,NPN,625mW,TO-92,TP,100-"	
Q102	0501-000122	TR-SMALL SIGNAL	"2N3904,NPN,625mW,TO-92,TP,100-"	
QB01	0501-000140	TR-SMALL SIGNAL	"2N5551,NPN,625mW,TO-92,-,80-25"	
QB02	0501-000138	TR-SMALL SIGNAL	"2N5401,PNP,625mW,TO-92,TP,60-2"	
QG01	0501-000140	TR-SMALL SIGNAL	"2N5551,NPN,625mW,TO-92,-,80-25"	
QG02	0501-000138	TR-SMALL SIGNAL	"2N5401,PNP,625mW,TO-92,TP,60-2"	
QR01	0501-000140	TR-SMALL SIGNAL	"2N5551,NPN,625mW,TO-92,-,80-25"	
QR02	0501-000138	TR-SMALL SIGNAL	"2N5401,PNP,625mW,TO-92,TP,60-2"	
R101	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R102	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R103	2001-001138	R-CARBON(S)	"390OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R104	2001-001138	R-CARBON(S)	"390OHM,5%,1/2W,AA,TP,2.4X6.4MM"	
R105	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R106	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R107	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R108	2001-000857	R-CARBON	"560OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R109	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R110	2001-000812	R-CARBON	"5.6KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R111	2001-000563	R-CARBON	"27KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R113	2001-000429	R-CARBON	"1KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R114	2001-000780	R-CARBON	"470OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R115	2001-000577	R-CARBON	"2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R116	2001-000290	R-CARBON	"10KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R117	2001-000515	R-CARBON	"220OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R118	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R119	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
R141	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
R142	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
R143	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
R144	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
RB01	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RB02	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RB03	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
RB04	2001-000302	R-CARBON	"10OHM,5%,1/8W,AA,TP,1.8X3.2MM"	

Loc. No.	Code No.	Description	Specification	Remarks
RB08	2001-000027	R-CARBON	"100OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RB09	2001-000962	R-CARBON	"75KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RB10	2001-000705	R-CARBON	"390HM,5%,1/2W,AA,TP,3.3X9MM"	
RB11	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RB12	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RB13	2001-001000	R-CARBON	"82KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG01	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG02	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG03	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
RG04	2001-000302	R-CARBON	"100HM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG05	2001-000004	R-CARBON	"200KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG08	2001-000027	R-CARBON	"100OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RG09	2001-000962	R-CARBON	"75KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RG10	2001-000705	R-CARBON	"390HM,5%,1/2W,AA,TP,3.3X9MM"	
RG11	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG12	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RG13	2001-001000	R-CARBON	"82KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR01	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR02	2001-000969	R-CARBON	"75OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR03	2001-000005	R-CARBON	"390ohm,5%,1/8W,AA,TP,1.8x3.2mm"	
RR04	2001-000302	R-CARBON	"100HM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR08	2001-000027	R-CARBON	"100OHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RR09	2001-000962	R-CARBON	"75KOHM,5%,1/4W,AA,TP,2.4X6.4MM"	
RR10	2001-000705	R-CARBON	"390HM,5%,1/2W,AA,TP,3.3X9MM"	
RR11	2001-000281	R-CARBON	"100OHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR12	2001-000449	R-CARBON	"2.2KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
RR13	2001-001000	R-CARBON	"82KOHM,5%,1/8W,AA,TP,1.8X3.2MM"	
SK101	1405-001064	SURGE ABSORBER	"400V,20%,-,AXIAL"	
SKB01	4715-000102	SURGE ABSORBER	"200V,20%,1000A,-,RADIAL"	
SKG01	4715-000102	SURGE ABSORBER	"200V,20%,1000A,-,RADIAL"	
SKR01	4715-000102	SURGE ABSORBER	"200V,20%,1000A,-,RADIAL"	
HS103	BH99-00004B	"ASSY,HEAT/SINK"	"H/S VIDEO,SCREW+NUT,LM2437,-,OIL SILICON,-,"	
CIS	6006-001008	SCREW-ASS'Y MACH	"WSP,BH,+,M3,L10,ZPC(YEL),SWRCH"	
CIS	6021-000118	NUT-HEXAGON	"1C,M3,ZPC(YEL),SM20C"	
CIS	BH13-00003A	IC-HYBRID	"-,LM2437,TO-220,9P,CRT DRIVER,0 TO 6.0V,-,"	
CIS	BH62-00006A	HEAT SINK-VIDEO	"-,A1050S T2.0,-,DB"	

2-3 Others

Loc. No.	Code No.	Description	Specification	Remarks
S/CABLE MAGNET	BH03-00015A	CRT-COLOR	0.28,M41QAR361X114(T4/S-2),DYNA	17"
	BH03-10342B	CRT-COLOR	0.28,M41QAR361X111(A/S2),D	
	BH94-00048C	ASSY,PCB	DP17L*	
	BH98-00036C1	ASSY,PCB/MAIN	DP17L*	
	BH98-00037C	ASSY,PCB/VIDEO	DP17L*	
	BH39-00016A	CBF-SIGNAL	1550MM,IVORY(IV01),2990	
P/CORD	3302-000006	MAGNET-RUBBER	AF,14G,1620-1980G,0.58-0.9	17"
	BH27-00015A	COIL DEGAUSSING-ASS'Y	290*265*1100MM,9.6	
	BH39-10007A	CBF POWER/CORD	DET,H05VV-F,250V/6A,IVY,1830MM	
	BH39-10339E	CBF POWER/CORD	DET,SVT,125V 7A/10A,IVY,1830MM	

2-4 Different Parts list (TDA9113)

	SDI CDT	TSB NORMAL CDT	TSB Mini Neck CDT	LG CDT	HITACHI CDT	ORION CDT
H/VOLTAGE	26.0kV	26.5kV	26.0kV	26.0kV	26.0kV	26.0kV
G2 /VOLTAGE	480V	630V	630V	480V	530V	480V
CORNER-C	42/4D	3D/41	40/42	40/41	40/42	40/42
V-LINER.	22	11	1D	22	22	22

Loc. No.	SDI CDT	TSB NORMAL CDT	TSB Mini Neck
R516	2002-001063 ; R-COMP,1/2W,160k	2002-001056 ; R-COMP,1/4W,180k	2002-001056 ; R-COMP,1/4W,180k
R450	2001-000963 ; R-CF,1/8W,75K	2001-001000 ; R-CF,1/8W,82k	2001-000010 ; R-CF,1/8W,68Kohm
R656	2001-000411 ; R-CF,1/8W,18KOHM	2001-000411 ; R-CF,1/8W,18KOHM	2001-000009 ; R-CF,1/8W,20KOHM
R308	2001-000109 ; R-CF(S),1/2W,470OHM	2001-001138 ; R-CF(S),1/2W,390OHM	2001-000109 ; R-CF(S),1/2W,470OHM
R309	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005003 ; R-MF,1/2W,1.5ohm,2%
R315	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005003 ; R-MF,1/2W,1.5ohm,2%
CIS	-	-	2201-000823 ; C-CERA,50V,270pF
C419	2301-001305 ; C-FILM,2.2nF,1.6kV	2301-001305 ; C-FILM,2.2nF,1.6kV	2303-001022 ; C-PPF,2.0nF,2.5kV
C420	2301-001306 ; C-FILM,2.5nF,1.6kV	2301-001306 ; C-FILM,2.5nF,1.6kV	2303-001022 ; C-PPF,2.0nF,2.5kV
R455	2004-000327 ; R-MF,1/4W,150k	2004-000327 ; R-MF,1/4W,150k	2004-000964 ; R-MF,1/4W,470k
R461	2004-000193 ; R-MF,1/4W,100k	2004-000193 ; R-MF,1/4W,100k	2004-000560 ; R-MF,1/4W,220k
R526	2004-000284 ; R-MF,1/4W,12k	2004-000284 ; R-MF,1/4W,12k	2004-000344 ; R-MF,1/4W,15k
R501	2001-000472 ; R-CF,1/8W,2.7k	2001-000472 ; R-CF,1/8W,2.7k	2001-000241 ; R-CF,1/8W,1.5k
R520	2001-000241 ; R-CF,1/8W,1.5k	2001-000241 ; R-CF,1/8W,1.5k	2001-000472 ; R-CF,1/8W,2.7k
T501	BH26-00026A : FQB17A001	BH26-00026A : FQB17A001	BH26-00060A : FQB17A001M
JP120	-	-	BH39-40305U : JUMPER WIRE
C305	2401-000037 ; C-AL,470uF,16V	2401-000039 ; C-AL,1000uF,16V	2401-000037 ; C-AL,470uF,16V
D612	0402-000546 : DIODE TVR10G,400V	0402-001118 : DIODE UF1G,400V	0402-000546 : DIODE TVR10G,400V
R307	2001-001048 ; R-CF(S) 1/2W,1.2ohm	2001-000016 ; R-CF(S) 1/2W,1ohm	2001-001048 ; R-CF(S) 1/2W,1.2ohm
R310	2004-000481 ; R-MF,1/4W,2.4K	2004-000481 ; R-MF,1/4W,2.4K	2004-000481 ; R-MF,1/4W,2.4K
JP38	2004-000458 ; R-MF,1/4W,2.2K	2004-000458 ; R-MF,1/4W,2.2K	2004-000458 ; R-MF,1/4W,2.2K
R428	2003-000653 ; R-MO,3W,330ohm	2003-000608 ; R-MO,3W,270ohm	2003-000608 ; R-MO,3W,270ohm
VIDEO SHIELD	BH71-00006A : SHIELD VIDEO CAP	BH71-00006A : SHIELD VIDEO CAP	BH75-00047A : SHIELD VIDEO CAP (EARTH PLATE IMPLEMENTATION)

Loc. No.	LG CDT	HITACHI CDT	ORION CDT
R516	2002-001056 ; R-COMP,1/4W,180k	2002-001056 ; R-COMP,1/4W,180k	2002-001056 ; R-COMP,1/4W,180k
R450	2001-000837 ; R-CF,1/8W,51k	2001-000010 ; R-CF,1/8W,68Kohm	2001-000010 ; R-CF,1/8W,68Kohm
R656	2001-000411 ; R-CF,1/8W,18KOHM	2001-000411 ; R-CF,1/8W,18KOHM	2001-000522 ; R-CF,1/8W,22KOHM
R308	2001-001107 ; R-CF(S),1/2W,220OHM	2001-001138 ; R-CF(S),1/2W,390OHM	2001-001138 ; R-CF(S),1/2W,390OHM
R309	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%
R315	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%	2004-005002 ; R-MF,1/2W,1.2ohm,2%
CIS	-	-	-
C419	2301-001305 ; C-FILM,2.2nF,1.6kV	2301-001305 ; C-FILM,2.2nF,1.6kV	2301-001305 ; C-FILM,2.2nF,1.6kV
C420	2301-001306 ; C-FILM,2.5nF,1.6kV	2301-001306 ; C-FILM,2.5nF,1.6kV	2301-001306 ; C-FILM,2.5nF,1.6kV
R455	2004-000327 ; R-MF,1/4W,150k	2004-000327 ; R-MF,1/4W,150k	2004-000327 ; R-MF,1/4W,150k
R461	2004-000193 ; R-MF,1/4W,100k	2004-000193 ; R-MF,1/4W,100k	2004-000193 ; R-MF,1/4W,100k
R526	2004-000284 ; R-MF,1/4W,12k	2004-000284 ; R-MF,1/4W,12k	2004-000284 ; R-MF,1/4W,12k
R501	2001-000472 ; R-CF,1/8W,2.7k	2001-000472 ; R-CF,1/8W,2.7k	2001-000472 ; R-CF,1/8W,2.7k
R520	2001-000241 ; R-CF,1/8W,1.5k	2001-000241 ; R-CF,1/8W,1.5k	2001-000241 ; R-CF,1/8W,1.5k
T501	BH26-00026A : FQB17A001	BH26-00026A : FQB17A001	BH26-00026A : FQB17A001
JP120	-	-	-
C305	2401-000037 ; C-AL,470uF,16V	2401-000037 ; C-AL,470uF,16V	2401-000037 ; C-AL,470uF,16V
D612	0402-000546 : DIODE TVR10G,400V	0402-000546 : DIODE TVR10G,400V	0402-000546 : DIODE TVR10G,400V
R307	2001-001048 ; R-CF(S) 1/2W,1.2ohm	2001-001048 ; R-CF(S) 1/2W,1.2ohm	2001-001048 ; R-CF(S) 1/2W,1.2ohm
R310	2004-000481 ; R-MF,1/4W,2.4K	2004-000481 ; R-MF,1/4W,2.4K	2004-000481 ; R-MF,1/4W,2.4K
JP38	2004-000458 ; R-MF,1/4W,2.2K	2004-000458 ; R-MF,1/4W,2.2K	2004-000458 ; R-MF,1/4W,2.2K
R428	2003-000653 ; R-MO,3W,330ohm	2003-000653 ; R-MO,3W,330ohm	2003-000653 ; R-MO,3W,330ohm
VIDEO SHIELD	BH71-00006A : SHIELD VIDEO CAP	BH71-00006A : SHIELD VIDEO CAP	BH71-00006A : SHIELD VIDEO CAP

3-1 Main Part Schematic Diagram

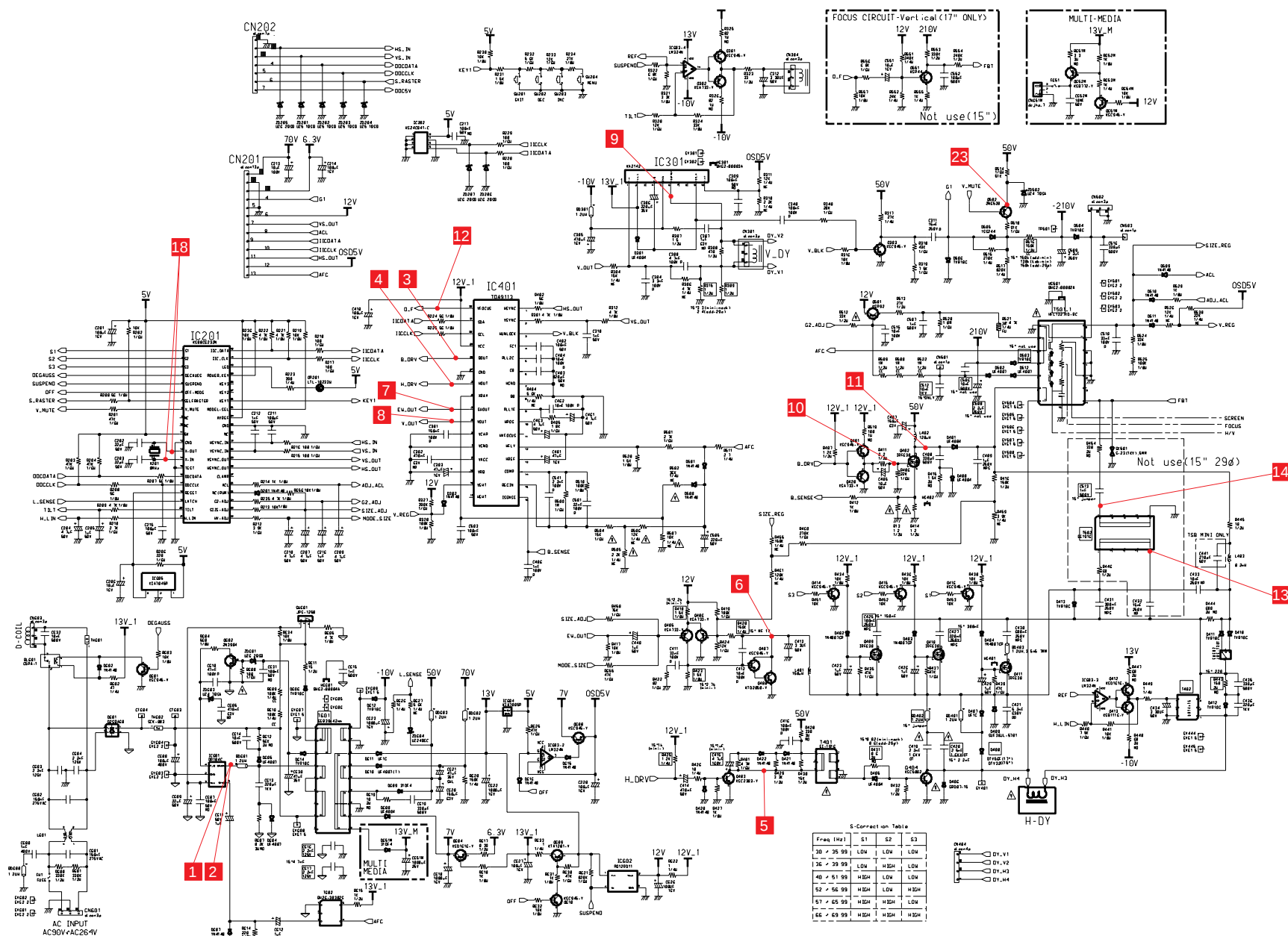


Table 10-1. IC601 (DP104C)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	286 V
4	0.8 mV
5	18.1 V
6	1.51 V
7	2.01 V
8	4.98 V

Table 10-2. IC602 (78R12)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	13.57 V
4	12.05
5	-17.0 mV
6	-15.5 mV
7	4.99 V
8	4.99 V

Unit: Vrms

Unit: Vrms

Table 10-3. IC201 (KS88C623IN)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	1.02 V
4	2.91 V
5	0.31 V
6	1.04 V
7	1.4 V
8	1.4 mV
9	1.3 mV
10	1.3 mV
11	1.3 mV
12	1.3 mV
13	1.3 mV
14	1.3 mV
15	1.3 mV
16	1.3 mV
17	1.3 mV
18	1.3 mV
19	1.3 mV
20	1.3 mV
21	1.3 mV

Unit: Vrms

Table 10-5. IC301 (KA2142)

MODES	
#	MODES
1	800 x 600 / 85 Hz
2	640 x 480 / 60 Hz
3	0.64
4	1.32
5	1.5 mV
6	0.1 mV
7	-10.6
8	-11.0
9	-10.9
10	-1.6 mV
11	0.1 mV
12	0.1 mV
13	12.6 V
14	0.64 V

Unit: Vrms

Table 10-6. IC603 (LM324N)

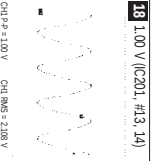
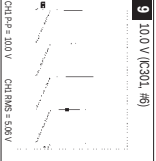
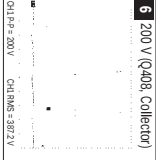
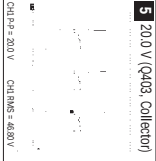
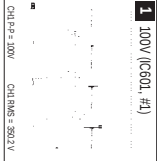
MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	12.01
4	3.06
5	5.12
6	13.5
7	5.12
8	5.12
9	5.12
10	5.12
11	5.12
12	5.12
13	5.12
14	5.12

Unit: Vrms

Table 10-7. IC401 (TDA9113)

MODES	
#	MODES
1	1024 x 768 / 85 Hz
2	640 x 480 / 60 Hz
3	4.57 V
4	4.57 V
5	4.57 V
6	4.57 V
7	4.57 V
8	4.57 V
9	4.57 V
10	4.57 V
11	4.57 V
12	4.57 V
13	4.57 V
14	4.57 V
15	4.57 V
16	4.57 V

Unit: Vrms



3-2 Video Part Schematic Diagram

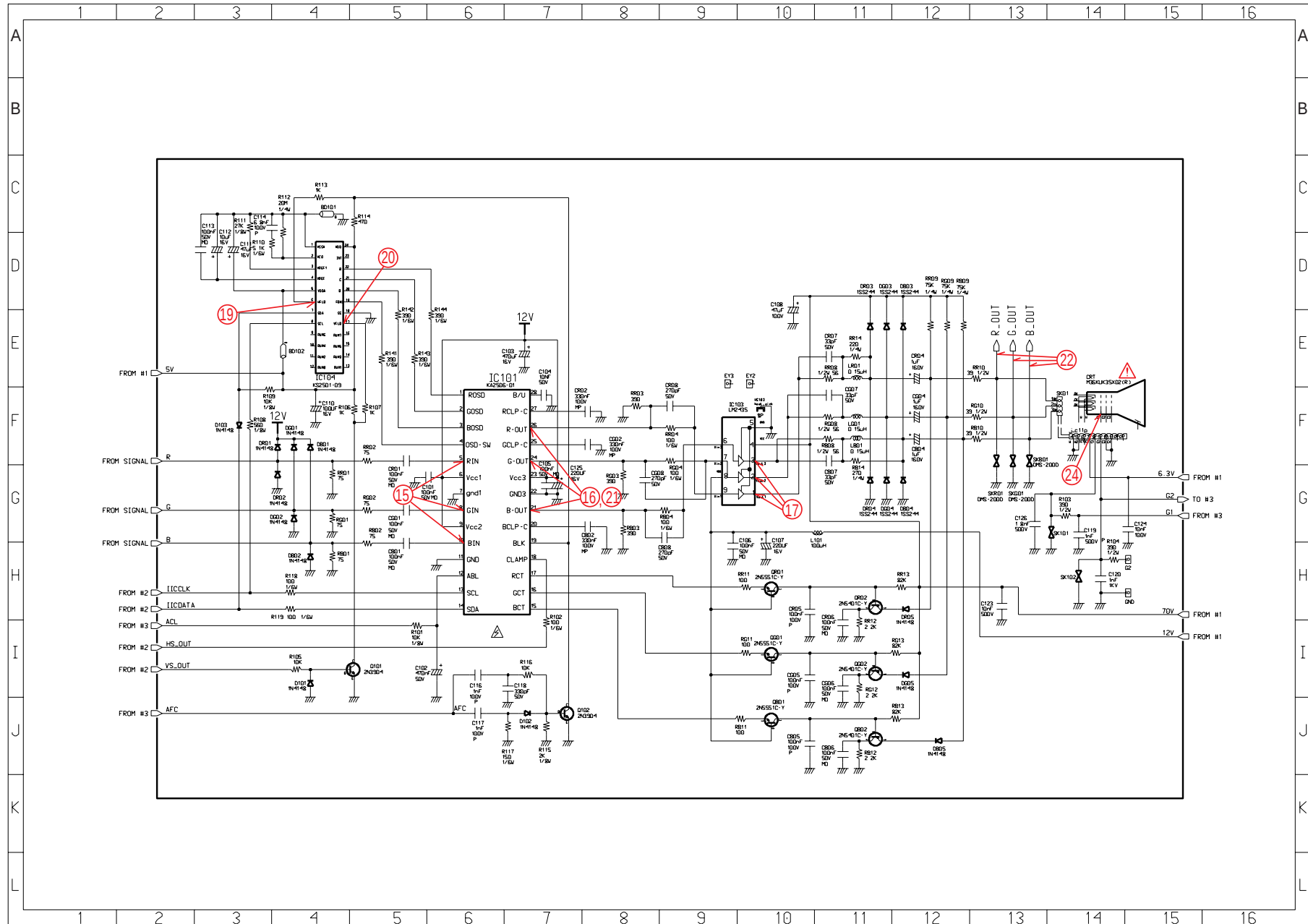


Table 10-8. IC101 (KA2506)

#	MODES		#	MODES	
	1024 x 768 / 65 Hz	640 x 480 / 60 Hz		1024 x 768 / 65 Hz	640 x 480 / 60 Hz
1	4.6 mV	3.2 mV	15	11.2 V	11.2 V
2	4.5 mV	3.2 mV	16	11.2 V	11.2 V
3	4.4 mV	3.0 mV	17	11.2 V	11.2 V
4	4.0 mV	2.8 mV	18	4.73 V	4.49 V
5	2.47 V	2.45 V	19	4.01 V	4.55 V
6	11.8 V	11.8 V	20	4.35 V	4.34 V
7	1.06 mV	1.0 mV	21	2.42	2.56 V
8	2.42 V	2.44 V	22	1.6 mV	1.5 mV
9	11.85 V	11.8 V	23	11.8 V	11.8 V
10	2.41 V	2.43 V	24	2.40	2.53 V
11	1.44 mV	1.39 mV	25	4.29	4.27 V
12	4.22 V	4.15 V	26	2.55	2.68 V
13	5.11 V	5.11 V	27	4.31	4.29 V
14	5.11 V	5.11 V	28	99.1 mV	99.5 mV

Unit: Vrms

Table 10-9. IC103 (LM2437)

#	pin	MODES	
		800 x 600 / 65 Hz	640 x 480 / 60 Hz
1	38.5	36.9	
2	39.9	38.1	
3	GND	GND	
4	2.4 V	2.53	
5	2.55	2.68	
6	11.8	11.8	
7	2.4 V	2.4 V	
8	72.8	73.2	
9	42.5	40.2	

Unit: Vrms

Table 13-10. IC104 (KS2501 ~ 09)

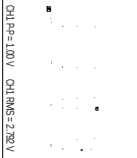
#	pin	MODES	
		1024 x 768 / 65 Hz	640 x 480 / 60 Hz
1	1.3 mV	NC	NC
2	2.24 V	NC	NC
3	1.26 V	NC	NC
4	1.27 V	NC	NC
5	4.93	4.91	
6	3.99	1.9 mV	
7	5.11	4.9	
8	5.11	5.3 V	
9	NC	5.5 V	
10	NC	5.8 V	
11	NC	NC	
12	NC	4.93	

Unit: Vrms

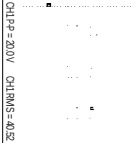
15 1.00 V (IC101, #5, 8, 10)



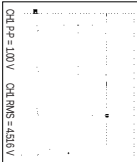
16 1.00 V (IC101, #21, 24, 26)



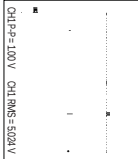
17 20.0 V (IC103, #1, 2, 3)



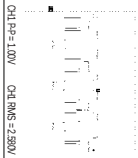
19 1.00 V (IC104, #6)



20 1.00 V (IC104, #17)



21 1.00 V (IC101, #21, 24, 26)



22 10.0 V (R.G.B. Video)



24 20.00 V (CRT, G1)

