



SERVICE MANUAL

SCL810/860/870



8mm CAMCORDER
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Hi8

8mm

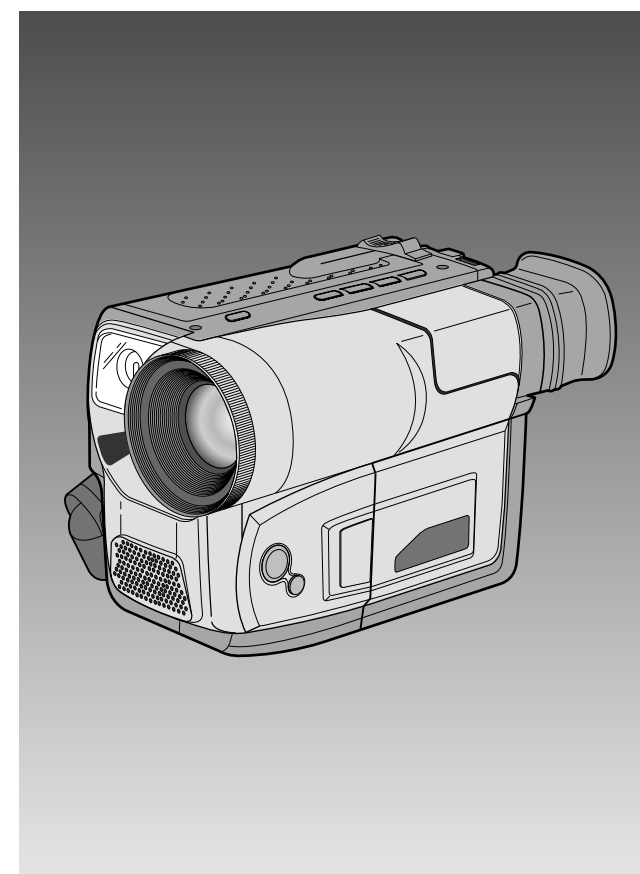
SERVICE Manual

For mechanical disassembly and adjustment, refer to the "Mechanical Manual"
(DE-10 → AD68-00420H).

8mm CAMCORDER

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1. Alignment and Adjustment

1-1. Mechanism Alignment

- Refer to mechanical manual “DE-10 (AD68-00420H)” for the adjustment and checks of mechanism section.
- The location of test point (See Fig.1)

Test Point:

PB RF - Pin 11 of CN452

Head Switching Trigger - Pin 9 of CN452

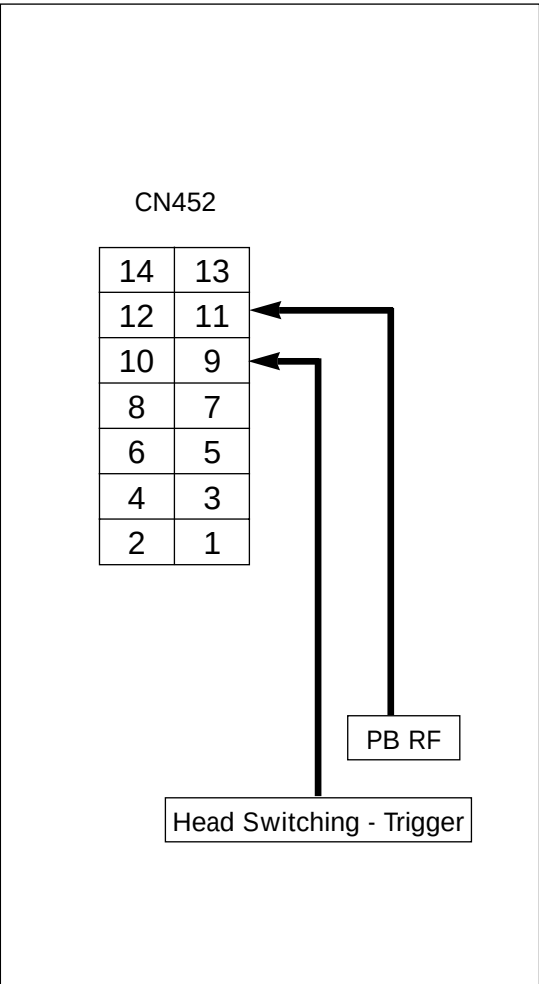


Fig. 1 Test point

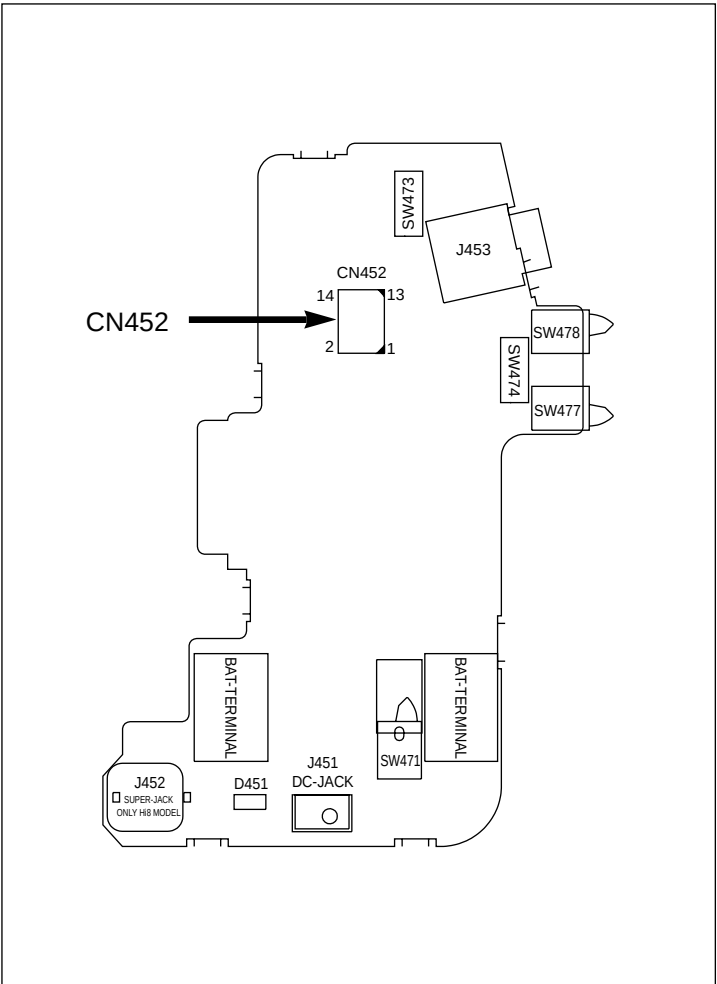
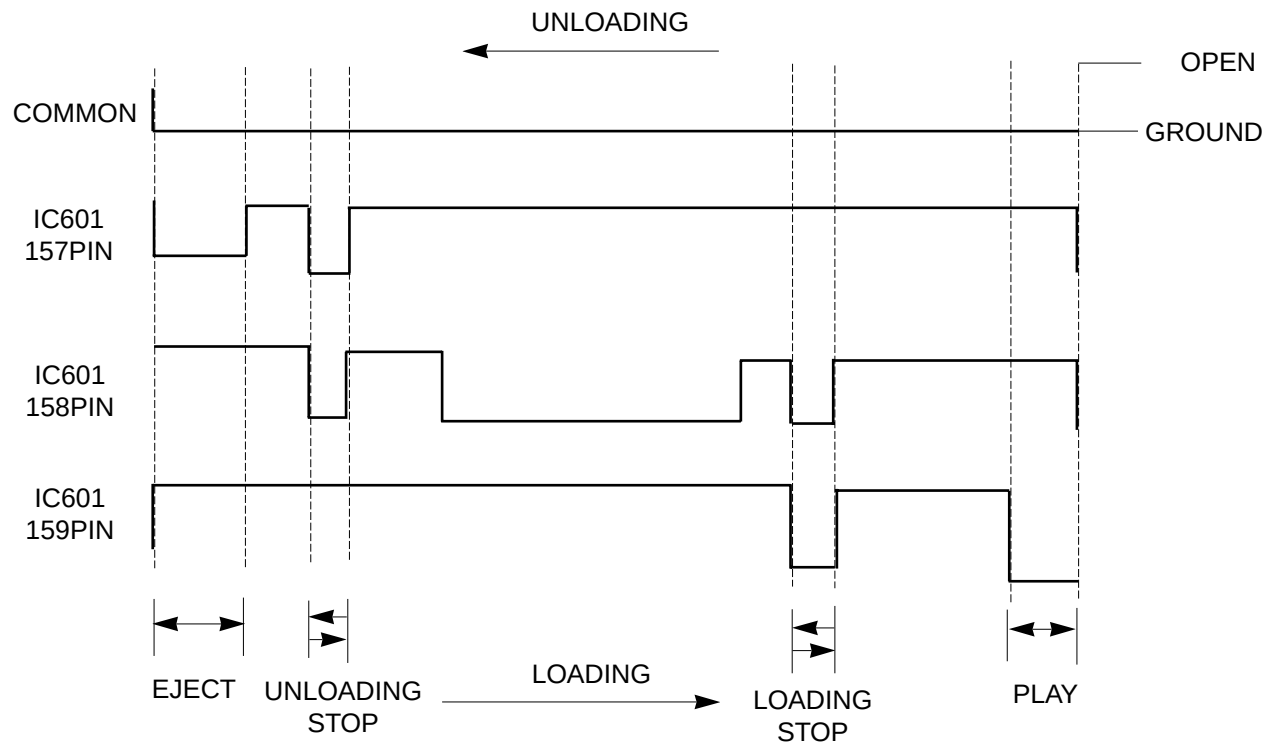


Fig. 2 Test location of test point (Rear Board)



POSITION	IC601 157PIN	IC601 158PIN	IC601 159PIN	ACTION MODE
EJECT	L	H	H	EJECT
UNLOADING STOP	L	L	H	UNLOADING STOP
LOADING STOP	H	L	L	LOADING STOP
PB	H	H	L	PLAY, FF, REW, STILL....

1-2. Camera Section Adjustment

Note :

1. This system has :

- 1) EEPROM to store the confirmed adjustment data.
- 2) DSP (Digital Signal Process ; ICP01 - Main board) chip to process the signal of camera parts.
- 3) The special mode for camera adjustment using the remote controller.

2. Keep in mind :

- 1) All adjustment steps should be performed using the remote controller.

1-2-1 Preparations

1. Equipment to be used :

- 1) DC Power supply
- 2) Oscilloscope
- 3) Frequency counter
- 4) Vectorscope
- 5) Waveform monitor
- 6) Color monitor or TV
- 7) Various charts
 - Color bar chart
 - Gray-scale chart, etc...

2. Composition of camera P.C.Boards :

- 1) Main PCB 2) CCD PCB
- 3) CVF PCB 4) EVF PCB
- 5) LCD PCB

3. Adjustment preparations :

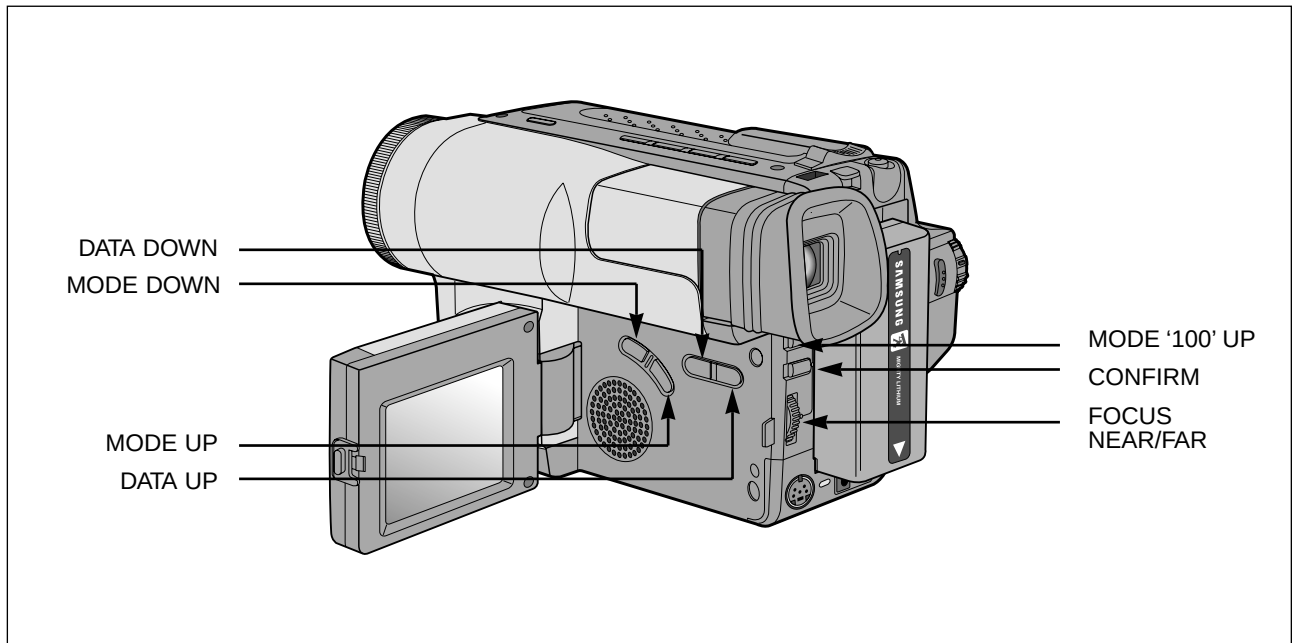
- 1) Some buttons of set is used as a camera adjust tool.
- 2) Press the confirm button when each manual adjustment step is completed to write the adjustment data to the EEPROM.
- 3) After each adjustment step is completed, OSD shows "OK!".
- 4) To cancel the adjustment mode, remove the power source.

4. Remote control :

The following is a chart explaining the use of each button :

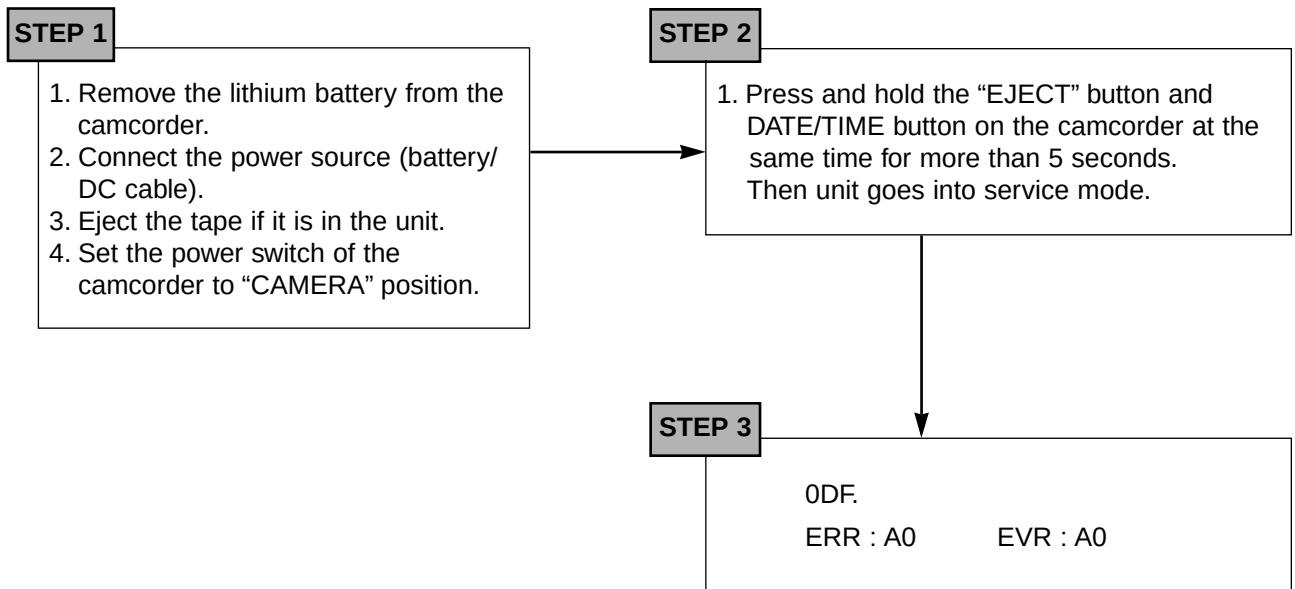
Using Button	Adjustment
ENTER (CONFIRM)	Data store after finishing adjustment by DATA UP/DOWN button.
P.AE (DATA UP) DSE (DATA DOWN)	When change data value of adjust state.
BLC (MODE UP) FADE (MODE DOWN) MENU ON/OFF (MODE UP '100')	Mode change.(One step or 100 step)
MANUAL FOCUS RING (NEAR/FAR)	Manual focus adjustment.
ZOOM TELE ZOOM WIDE	1) Move the zoom position of lens. 2) Semi-Auto lens adjustment.

Some buttons are changed for Service Adjustment.



Note : In service adjustment mode, button names are different from those in customer camera function control mode. EX) ENTER button is the same as confirm.

5. How to get into service “**ADJUST**” mode



Note : When “XX XX” is shown in service adjustment procedures, this indicates variable values.

“CAMERA ADJUST MODE, EEPROM ADDRESS SEQUENCE & DATA OF PAGE 0”

CAMERA AUTO ADJUST MODE					CONTENT							
0DF	A0	-	-	-	;EEPROM -TABLE -INITIAL (CAMERA ONLY:'99'+CONFIRM =EXCEPT(#061~#067,#680~#7FF),"							
0CD	FF	-	-	-	;HALL AUTO ADJUST 'AA'=ALL DATA INITIAL)							
0CE	FF	-	-	-	;IRIS AUTO ADJUST							
0CF	FF	-	-	-	;W/B AUTO ADJUST							
0D0	FF	-	-	-	;LENS AUTO ADJUST(WARNING! DON'T'S USE WITHOUT AN INFINITE COLLIMATOR)							
0D6	FF	-	-	-	;ZOOM VR CENTER ADJT							
0DB	FF	-	-	-	;AGC AUTO ADJUST(NORMALLY NOT USED)							
0DE	FF	-	-	-	;3M LENS AUTO ADJUST AT SERVICE FIELD(DISTANCE :3M +/- 1Cm)							
NO-OSD-DISPLAY					DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
000	00	01	02	03	; 00=NTSC HI8, 01=NTSC NORMAL, 02=PAL HI8, 03= PAL NORMAL							
001	C6	46	C6	46	; DIS MODEL="C6" , NON-DIS MODEL="46"							
	46		46		NON-DIS MODEL="46", DIS MODEL="C6" ,							
002	67	-	-	-	; @IRIS CONTROL-LOW							
003	A5	-	-	-	; @IRIS CONTROL-HIGH							
004	70	-	-	-	; @P.CLK PWM-HIGH (ADCLK ;PAL HI8:14.250MHz, PAL-normal: 9.494800MHz NTSC:9.534964MHz)							
005	08	-	-	-	; UPD16879 INIT 4th							
006	44	-	-	-	; UPD16879 INIT 6th focus							
007	44	-	-	-	; UPD16879 INIT 7th zoom							
008	03	-	-	-	; CDS F-REG(f1,f0) CAM : BIT0:f0,BIT1:f1							
009	B0	-	-	-	; CDS F-REG(f9,f2) CAM ;PGA GAIN -HIGH(0.0dB~ 30.0dB)					CCD WHITE DEFECT DETECT AGC		
00A	75	-	-	-	; CDS G-REG CAM ;DAC1 INPUT(HALL REFERENCE CONTROL;0V~3.0V)							
00B	3D	-	-	-	; CDS H-REG CAM ;DAC2 INPUT(HALL GAIN CONTROL;0V~3.0V)							
00C	85	-	-	-	; CDS E-R(e1,e0),J-R(j0),M-R;D0:e0,D1:e1,D2:j0(CAM),D4:e0,D5:e1,D6:j0(VCR),D7:cds-rev='1'							
00D	50	-	-	-	; CDS F-REG(f9,f2) VCR COLOR ;PGA GAIN HI8 ME							
00E	02	-	-	-	; CDS IC A REG AT VCR MODE							
00F	1C	-	-	-	; CDS TE-R (D0:T-R D9 set='0'=offset=E-R;'1'=offset=#010(d0~d5: add111: d4~d9),D1:T-R							
010	30	-	-	-	; CDS OFFSET (#00F: D0='1' OFFSET VALUE)					d3,D2D3=C0C1(CAM), D4D5=C0C1(VTR)		
011	00	00	01	01	; VNTPAL2_H ccd vertical effective line							
012	F7	F6	23	23	; VNTPAL2_L ccd vertical effective line							
013	01	00	01	00	; HNTPAL2_H ccd horizontal effective pixel							
014	80	FF	78	FA	; HNTPAL2_L ccd horizontal effective pixel							
015	D2	D2	D2	2D	; PHG hg phase : DZOOM - EEPROM #296 CONTROL							
016	01	-	-	-	; Mpoint_H mirror point h : MIRROR- EEPROM #336							
017	74	-	-	-	; Mpoint_L mirror point h : MIRROR- EEPROM #337							
018	A0	-	D0	D0	; AE TARGET-LOW BYTE (NON-DIS)							
019	05	-	05	05	; AE TARGET-HIGH BYTE (NON-DIS)							
01A	70	-	-	-	; DIS AE TARGTE LOW							
01B	0B	0B	0B	0B	; DIS AE TARGET HIGH							
01C	80	-	-	-	; FLEX ZONE AE TARGET PERCENT(80H= AUTO TARGET)							
01D	B0	B0	B0	88	; SPOT LIGHT AE TARGET PERCENT(DIS: B0 , NON-DIS: 88)							
01E	98	98	98	98	; BLC ON AE TARGET PERCENT(DIS: 80 , NON-DIS: 77)							
01F	98	98	98	98	; SAND SNOW AE TARGET PERCENT(DIS: 90 , NON-DIS: 88)							
020	60	-	-	-	; NEGA BLC AE TARGET PERCENT(80H= AUTO TARGET)							
021	08	05	-	05	; AGC =#022 VALUE: #22F- H ENHANCER MIN							
022	00	-	-	-	; AGC =#022 VALUE :#237- V ENHANCER MIN							
023	E5	-	-	-	; AGC MAX % (E5=90%) FOR H,V ENHANCER MIN (#021,022)							
024	80	-	-	-	; IRIS CONTROL GAIN '80'=CENTER							
025	38	-	-	-	; SHUTTER START POINT OF IRIS CONTROL PERCENT(FF=100% IRIS OPEN)							
026	A0	-	-	-	; AGC AETRGET PERCENT(=AETARGET*(#026/100hex)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
027	90	-	-	-	; DIGITAL CLAMP CONTROL START AGC							
028	A0	A0	A0	A0	; CHROMA SUPPRESS PERCENT (00h=supress max,40h=25%,80h=50%)							
029	48	-	-	-	; CHROMA SUPPRESS START AGC VALUE							
02A	48	-	-	-	; NOISE SLICE START AGC VALUE							
02B	80	-	-	-	; SHUTTER CONTROL GAIN '80'=CENTER							
02C	80	-	-	-	; AGC CONTROL GAIN '80'=CENTER							
02D	30	-	38	-	; DIS AE AVERAGE CUTTING AT AUTO MODE							
02E	40	-	48	-	; DIS AE AVERAGE CUTTING AT SPLOTLIGHT MODE							
02F	30	-	38	-	; DIS AE AVERAGE CUTTING AT FLEXZONE MODE							
030	40	-	-	-	; CDS F-REG(f9,f2) VCR COLOR ;PGA GAIN HI8 MP,NORMAL							
031	08	0B	-	0B	; AGC H CORE LEVEL							
032	08	0B	-	0B	; AGC V CORE LEVEL							
033	12	-	-	-	; AGC GAMMA							
034	01	-	01	01	; OUTDOOR(5100K) R-Y GAIN -HIGH						OUTDOOR COLOR	
035	10	23	3B	42	; OUTDOOR(5100K) R-Y GAIN -LOW						OUTDOOR COLOR	
036	00	-	00	00	; OUTDOOR(5100K) B-Y GAIN -HIGH						OUTDOOR COLOR	
037	A0	B4	E5	C8	; OUTDOOR(5100K) B-Y GAIN -LOW						OUTDOOR COLOR	
038	01	-	01	01	; OUTDOOR(5100K) R,Mg HUE -HIGH						OUTDOOR COLOR	
039	30	2A	50	48	; OUTDOOR(5100K) R,Mg HUE -LOW						OUTDOOR COLOR	
03A	00	01	00	00	; OUTDOOR(5100K) G, Cy HUE -HIGH						OUTDOOR COLOR	
03B	0A	2A	01	13	; OUTDOOR(5100K) G, Cy HUE -LOW						OUTDOOR COLOR	
03C	01	-	01	01	; OUTDOOR(5100K) B, Cy, Mg HUE -HIGH						OUTDOOR COLOR	
03D	52	2B	70	60	; OUTDOOR(5100K) B, Cy, Mg HUE -LOW						OUTDOOR COLOR	
03E	01	-	01	01	; OUTDOOR(5100K) Ye, G HUE -HIGH						OUTDOOR COLOR	
03F	2A	28	40	3B	; OUTDOOR(5100K) Ye, G HUE -LOW						OUTDOOR COLOR	
040	64	-	-	-	; WB DASH(WAITING TIME :UPPER 4BIT, SPEED:,LOWER 4BIT)							
041	43	43	42	52	; BTRK1X: R GAIN TRACKING CURVE							
042	C6	-	-	-	; WBSPEED							
043	A0	A0	AC	AA	; RBCMAX0							
044	9A	9A	95	95	; MGCMAX0							
045	3E	3E	3D	3E	; RBCMIN0							
046	6A	6A	60	69	; MGCMIN0							
047	30	-	-	-	; RBRESP IGNORE AREA(R-B)							
048	30	-	-	-	; MGRESP IGNORE AREA(Mg-G)							
049	8E	8E	94	94	; CW_LEV_BF B XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04A	94	94	9C	9A	; CW_LEV_GF G XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04B	20	20	1A	1A	; CW_LEV_RF R XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04C	00	-	-	-	; CW_LEV_MF M XIAS WHITE DETECT AREA INI. VALUE(5100K)							
04D	08	-	-	-	; AWB_STAB AWB STABLEMODE COUNTER UPPER LIMIT							
04E	00	-	-	-	; HIGH TEMPERTURE CONSIDERABLE RANGE CHANGE-RATE(R XIAS)							
04F	80	-	-	80	; LIKEWARM/LIKECOOL							
050	06	-	-	06	; R-B OFFSET DEC, INI- VALUE							
051	05	-	-	05	; Mg-G OFFSET DEC INI- VALUE							
052	40	-	-	-	; OUTS_RBN :HIGH TEMPERTURE CONSIDERABLE RANGE CHANGE-RATE(R XIAS)							
053	0C	-	-	-	; OUTS_MG :GREEN LIGHT SOURCE CONSIDERABLE RANGE CHANGE-RATE							
054	48	-	-	-	; INS_RB :5100K COLOR TEMPERATURE AREA							
055	37	-	-	-	; Y_LEV_L0 :LOW LUMINANCE WHITE DETECT AREA INI- VALUE (HIGH 4BIT,LOW 4BIT SEPERATE)							
056	04	-	-	-	; AWB_hall_shutter			HALL VALUE= INPUT HALL -(shutter/(80*#056))				
057	48	-	-	-	; PKOUD_IRIS							
058	20	-	-	-	; PKOUD_FAR: ZOOM TELE & FOCUS FAR(5.9M) (#057+#058) LESS THEN ,SRTAT DECREASE RANGE							
059	FF	-	-	-	; PKSHUT_RAT							
05A	40	-	-	-	; PKOUD_AMIN							
05B	FF	-	-	-	; Mg DIRECTION CONTROL LIMIT							
05C	C1	-	-	-	; mAWB_Pkoud_step: JUPPER 4BIT(INCREASE SPEED),LOWER 4BIT (DECREASE SPEED)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
05D	FF	-	-	-	; G DIRECTION CONTROL LIMIT							
05E	FF	-	-	-	; AWB STOP WHEN R Gain > 5100K + #05E							
05F	48	-	49	48	; chHall < mAWB_Pkoud_12(#05F) + mAWB_Pkoud_far (normal)							
060	80	80	80	80	;SOPT AGC							
061	~	067			VTR DATA							
061	00	-	-	-	;HDSW ADJ							VTR-ADJ
062	19	19	19	19	; Fxt adj 32.768KHZ CLOCK FEQUENCY							VTR-ADJ
063	7F	7F	7F	7F	; MODEL1							VTR-ADJ
064	88	88	88	88	; DZM DISP SIZE							VTR-ADJ
065	05	05	01	01	; TBC DEFAULT							VTR-ADJ
066	00	-	-	-	; CUSTOM							VTR-ADJ
067	00	-	-	-	;TITLE LAN.							VTR-ADJ
068	F9	F9	F9	F9	; D/ZOOM RATIO MAX DATA(80:2 TIMES, CO:4 TIMES, X550=F5 ,X700=F8)							
069	19	19	1E	1E	; ZOOM MAX SPEED ;22X LENS PAL:1BH ,NTSC:17H) (12,16:275pps)							
06A	09	-	0B	0B	; REMCON ZOOM SPEED X22 PAL:09 =11SEC, 0B=10SEC							
06B	1A	-	-	-	; D/ZOOM RATIO OF WIDE IMAGE COMPENSATION							
06C	80	-	-	-	; D/ZOOM ON START POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							
06D	87	-	-	-	; D/ZOOM ON START POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							
06E	00	-	-	-	; D/ZOOM ON END POSITION-LOW BYTE OF WIDE IMAGE COMPENSATION							
06F	85	-	-	-	; D/ZOOM ON END POSITION-HIGH BYTE OF WIDE IMAGE COMPENSATION							
070	00	-	-	-	; WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'L' POINT (00 83)OR(08 80)							
071	83	-	-	-	; WIDE D.ZOOM X1.1 DECREASE ZOOM POSITION-'H' POINT (00 83)OR(08 80)							
072	50	50	50	50	; WIDE D.ZOOM OFF ZOOM POSITION-'L' POINT (50 81)OR(08 80)							
073	7C	-	-	-	; WIDE D.ZOOM OFF ZOOM POSITION-'H' POINT (50 81)OR(08 80).7C=X1.06(0E hex)							
074	09	-	-	-	; V SKIP LINE NUMBER							
075	11	11	00	00	; DZOOM BOUN DOWN (DIS MAX COMPENSATION(=66)-#075)							
076	10	-	-	-	; CINEMA F-ZONE LIMIT UP							
077	68	-	-	-	; CINEMA F-ZONE LIMIT DOWN							
078	F6	-	-	-	; DIS;WIGHT WHEN DATA INCREASE							
07D	6C	6C	20	20	; ADDR.#21B DATA OF FIELD-'H' WHEN PHOTO ON							
07E	60	60	2C	2C	; ADDR.#21B DATA OF FIELD-'L' WHEN PHOTO ON							
07F	6C	60	2C	2C	; ADDR. #21B data WHNE GHOST ON							
080	1B	-	-	-	; DIS ON XMx,XY SETTING BY ZOOM POSITION,ADDR.#1B9,#1AE ,at WIDE END #1B8-#1AA=01hex							
081	29	-	-	-	; DIS ON, TELE POSISION D/ZOOM RATIO (29 HEX= X 1.19)							
082	0C	-	-	-	; DIS;CONTROL OF AF DATA							
083	02	-	-	-	; DIS;STEP OF AF DATA							
084	A0	-	-	-	; DIS;LIMIT							
085	0E	-	-	-	; DIS; FACTOR OF FREQUENCY							
086	39	-	-	-	; NEGA MODE FEDESTAL LEVEL #240							
087	13	13	13	13	; PB MODE #3BF CONTROL VALUE(CVF PB CLOLOR)							
088	54	-	55	54	; RBC-MAX_F							
089	8C	-	-	8B	; chAwb_PEAK_OUD=FF, RBCMIN VALUE INCREASED RANGE, chAwb_PEAK_OUD RERATED							
08A	87	-	-	-	; WHEN chAwb_MGCMAX IS MINMUM VALUE(5100K)							
08B	92	-	-	-	; WHEN chAwb_MGCMAX IS MAXIMUM VALUE , RBC VAVUE (DISTANCE VALUE WITH 200H)							
08C	FF	-	7A	-	;							
08D	93	93	A7	C1	;DSP AE TARGET COMPESATION							
08E	50	50	50	50	;AF CLIP CNT THR LOW BYTE							
08F	01	-	-	-	;AF CLIP CNT THR HIGH BYTE							
090	00	-	-	-	; D6='0' MIDDLE ZOOM TRACK COMPENSATION ON='00' OFF='40')							
091	00	-	-	-	; DSP AF HGSTART HIGH (AT ALL AREA)							
092	32	-	-	-	; DSP AF HGSTART LOW (AT ALL AREA)							
093	00	00	01	00	; DSP AF HGSTOP HIGH (AT ALL AREA)							
094	DD	DD	4E	DD	; DSP AF HGSTOP LOW (AT ALL AREA)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
095	B8	-	-	-	; ZOOM VARIABLE CORVE OPTION							
096	31	31	31	31	; #0D3 LENS CHECK OPTION ('1'= WIDE END SKIP)							
097	66	-	-	-	;AE WEIGHT (B-2A);(WEIGHT/255)							
098	36	-	-	-	;AGC MAX Y SETUP(#23F)							
099	16	-	-	-	;FOCUS MIDDLE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
09A	00	00	00	00	;FOCUS MIDDLE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
09B	~	0A0			AGC ADJUST SHUTTER VALUE							
0A1	B4	B4	96	96	;FADE TIME (#3 SEC*60=180==B4							
0A2	90	-	A1	A2	;RGAIN5100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A3	01	-	01	01	;RGAIN5100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A4	98	-	9C	82	;BGAIN5100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A5	01	-	01	01	;BGAIN5100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A6	D2	-	B8	CC	;RGAIN3100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A7	00	-	00	00	;RGAIN3100_H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A8	F3	-	91	E5	;BGAIN3100_L				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0A9	01	-	01	01	;BGAIN_3100H				CHANGED BY (WHITE BALANCE ADJUST(#0CF)			
0AA	6C	-	-	-	; FOCUS RESET LOW(16X,22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AB	81	-	-	-	; FOCUS RESET HIGH(16X,22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AC	21	-	-	-	; ZOOM RESET LOW(16X, 22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0AD	87	-	-	-	; ZOOM RESET HIGH(16X, 22X LENS)					CHANGED BY (LENS ADJUST (#0DE)		
0B3	40	-	-	-	; HALL CLOSE TARGET							
0B4	95	-	-	-	; IRIS CONTROL AT ADJUSTMENT ;UPPER 8 BIT							
0B5	87	-	-	-	; IRIS CONTROL MIN LOW BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0B6	72	-	-	-	; IRIS CONTROL MIN HIGH BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0B7	81	-	-	-	; ZOOM VR CENTER VALUE SAVE ADDR. BY #0D6				CHANGED BY (ZOOM VR-CENTER ADJUST (#0D6)			
0B8	20	-	-	-	; ZOOM VR CENTER MARGEIN							
0BC	34	-	-	-	; AGC MIN							
0BD	D0	-	E0	C8	; AGC MAX							
0BE	89	-	-	-	; HALL WIDTH							
0BF	60	-	-	-	; HALL REF. START							
0C0	4C	-	-	-	; HALL GAIN. START							
0C1	42	-	-	-	; HALL MIN					CHANGED BY (HALL ADJUST (#0CD)		
0C2	DF	-	-	-	; HALL MAX					CHANGED BY (HALL ADJUST (#0CD)		
0C7	00	-	-	-	; IRIS CONTROL MAX LOW BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0C8	C2	-	-	-	; IRIS CONTROL MAX HIGH BYTE					CHANGED BY (IRIS ADJUST (#0CE)		
0C9	02	-	-	-	; FOCUS TELE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CA	00	-	-	-	; FOCUS TELE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CB	28	-	-	-	; FOCUS WIDE MARGIN LOW BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0CC	00	-	-	-	; FOCUS WIDE MARGIN HIGH BYTE					CHANGED BY (LENS ADJUST (#0DE)		
0D7	01	-	-	-	; ZOOM/FOCUS CHK=ONE AF ENABLE BIT 00~03							
0E0	1F	-	-	-	; Y_SOLARI : ART EEPROM #247				AA'=ALL DATA INITIAL)			
0E1	00	-	-	-	; C_SOLARI : ART EEPROM #29F,#2A0"							
0E9	2B	32	3C	3C	; CINEMA MODE FLEX ZONE VERTICAL START LIMIT							
0EA	00	00	01	01	; CINEMA MODE FLEX ZONE VERTICAL END LIMIT HIGH							
0EB	DF	DF	0D	0D	; CINEMA MODE FLEX ZONE VERTICAL END LIMIT LOW							
0EC	DC	00	EC	EF	; FLEXZONE AF/AE WINDOW H OFFSET DSP							
0ED	FA	F9	FA	FB	; FLEXZONE AF/AE WINDOW V OFFSET DSP							
0EE	B0	D4	D1	CA	; FLEXZONE AF/AE WINDOW H OFFSET DIS							
0EF	E8	ED	E8	E9	; FLEXZONE AF/AE WINDOW V OFFSET DIS							
0F0	01	01	01	01	; V_YUKO(HIGH) VERTICAL EFFECTIVE H LINE NUMBER HIGH							
0F1	03	02	2F	2B	; V_YUKO(HIGH) VERTICAL EFFECTIVE H LINE NUMBER LOW							
0F2	01	01	01	01	; H_YUKO(HIGH) HORIZONTAL EFFECTIVE PIXEL NUMBER HIGH							
0F3	80	80	78	78	; H_YUKO(HIGH) HORIZONTAL EFFECTIVE PIXEL NUMBER LOW							
0F4	81	81	00	7E	; H_HOSEI HORIZONTAL START/STOP OFFSET							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
0F5	FF	-	-	-	;							
0F6	FF	-	-	-	;							
0F7	41	41	41	41	; VSTOP OFFSET AD D/ZOOM							
0F8	01	-	-	-	; Dis_Oaehs_Wa_Gizz: CCD WHITE DEFECT COMPENSATION H STSRT							
0F9	F6	F4	F2	F2	; Dis_Oaehe_Wa_Gizz: CCD WHITE DEFECT COMPENSATION H END							
0FA	02	-	-	-	; Dis_OaeVs_Wa_Gizz: CCD WHITE DEFECT COMPENSATION V STSRT							
0FB	77	77	8E	8E	; Dis_OaeVe_Wa_Gizz: CCD WHITE DEFECT COMPENSATION V END							
0FC	03	-	-	-	; SEPIA R		#26C					
0FD	C9	C9	B0	B0	;		#26D					
0FE	02	-	-	-	; SEPIA B		#26E					
0FF	60	-	D0	D0	;		#26F					
100	~	116			TOP INITIALIZED DATA: FIXED							
117	02	01	02	01	;E_SP2ADCK LOWER 4BIT (ADCK PHASE SELECT)							
117	~	11F			TG-INITIALIZED DATA: FIXED							
120	04	03	01	03	; E_DLRG (RG PHASE DELAY)							
121	00	03	08	08	; E_DLSP1(SHP PHASE DELAY)							
122	01	0E	00	0F	; E_DLSP2(SHD PHASE DELAY)							
123	~	1A4			TG-INITIALIZED DATA= FIXED							
1A5	~	1FE			LD/CB BLOCK INITIALIZED DATA= FIXED							
1FF	~	227			KZ(WHITE DEFECT COMPENSATION) BLOCK INITIALIZED DATA FIXED							
228	~	24B			Y PROCESS BLOCK							
228	02	-	-	-	; D RANGE VARIABLE COEFF.(H) :256STANDARD:03 FF TYP=X2, 512STANDARD:02 00 TYP:X1							
229	60	60	60	60	; D RANGE VARIABLE COEFF.(L)							
22A	01	-	0B	-	; H_BPF_MAIN_G_MODE(4bit/1bit)(H ENHANCER BPF COEFF.-MSB D4=0+,-,1:-)							
22B	04	-	-	-	; H ENHANCER CORE LEVEL(0.5LCB)							
22C	0F	-	-	-	; H_YOKUATU(H ENHANCER SUPPRESS LEVEL: 5LSB)							
22D	01	01	01	01	; H ENHANCER NOISE COEFF.(0~8TIMES)							
22E	0F	-	-	-	; H ENHANCER HIGH LEVEL COEFF.(0~8TIMES)							
22F	1C	18	18	18	; H ENHANCER COEFF.(0~8TIMES)							
230	01	-	01	-	; H_BPF_MAIN_G_MODE(4bit/1bit)							
231	00	-	-	-	; TEST MODE							
232	15	-	-	-	; VENH_LMT (V ENHANCER INPUT LIMIT LEVEL)							
233	04	-	-	-	; HIGH- V ENHANCER CORE LEVEL(0.5LSB)							
234	06	-	-	-	; KV_YOKUATU (HIGH- V ENHANCER SUPPRESS LEVEL)							
235	01	01	01	01	;HIGH- V ENHANCER NOISE COEFF.(0~8 TIMES)							
236	0B	-	-	-	;HIGH- V ENHANCER HIGH LEVEL COEFF.(0~8 TIMES)							
237	16	14	12	12	;HIGH- V ENHANCER COEFF.(0~8 TIMES)							
238	00	-	-	-	;TEST MODE							
239	13	-	-	-	;"HENH_HL (HIGH LIGHT H ENHANCER COEFF.);100IRE OVER , H ENHANCER							
23A	3F	-	-	-	;GM_IN_LMT (GAMMA INPUT LIMIT); 100IRE = 10HEX							
23B	05	-	-	-	;GM_KNEE (GAMMA KNEE COEFF.); 100IRE OVER, GAMMA CURVE							
23C	0F	0D	0F	0F	;Y_GAMMA (GAMMA COEFF.) ; 0~100IRE GAMMA CURVE							
23D	00	-	-	-	;GM_BC (GAMMA BLACK CLIP COEFF.)							
23E	08	-	-	-	;HLENH_CR (HILIGHT ENHANCER CORE LEVEL)							
23F	32	34	37	32	;GAMMA ,BEFORE, SETUP ADJUST"							
240	09	-	-	-	;Y M_F PEDESTAL LEVEL CHANGE ;OFFSET BINARY CODE (NTSC TPY:0E HEX)							
241	01	-	-	-	;Y M_F PEDESTAL LEVEL CHANGE; 1=ADD, 0=SUB.							
242	BB	-	C4	C0	;FADE_LEV (FADE LEVEL) ;BLACK FADE TYP=C0 hex							
243	00	-	-	-	;Y_WB NEGA = '1' , POSI='0'							
244	10	-	12	-	;HLENH_LM (HILIGHT ENHANCER LIMIT LEVEL)							
245	00	-	-	-	; TEST MODE							
246	00	-	-	-	;NEGA/POSI							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
247	00	-	-	-	;SOLAR_Y (YSIGNAL ART LEVEL); SET, BIT =0 FIX							
248	1F	-	-	-	;STATE DATA SETTING MODE							
249	00	-	-	-	;Y OUTPUT SIGNAL SELECT; 0 =CAMERA MODE ,1 =LINE MODE)							
24A	02	01	02	02	;Y DELAY ADJUST ; CAMEAR MODE : TYP=02 hex (+/-2 CLOCK)							
24B	00	-	-	-	; TEST MODE							
24C	~	26B			C PROCESS MATRIX BLOCK DATA: FIXED							
26C	03	-	03	03	;R SETUP (R set) HIGH							
26D	53	83	90	8C	;R SETUP (R set) LOW							
26E	03	-	03	03	;B SETUP (B set) HIGH							
26F	43	3A	45	2C	;B SETUP (B set) LOW							
270	03	-	03	03	;G SETUP (G set) HIGH							
271	36	-	38	40	;G SETUP (G set) LOW							
272	00	-	00	00	;R GAIN (Kr) HIGH							
273	AA	A0	B9	C5	;R GAIN (Kr) LOW							
274	01	-	01	01	;B GAIN (Kb) HIGH							
275	70	F3	F0	AE	;B GAIN (Kb) LOW							
276	~	27F			C PROCESS MATRIX BLOCK DATA: FIXED							
280	01	-	01	01	;G r-y,r-g(R-YSIGNAL R-GGAIN) HIGH							
281	1A	10	48	2A	;G r-y,r-g(R-YSIGNAL R-GGAIN) LOW							
282	00	-	00	00	;G b-y,b-g(B-YSIGNAL B-GGAIN) HIGH							
283	A0	C0	D0	E2	;G b-y,b-g(B-YSIGNAL B-GGAIN) LOW							
284	01	-	01	01	;G b-y,r-g(B-YSIGNAL R-GGAIN) HIGH; Mc-y =1' R-G > 0 AREA GAIN							
285	10	03	50	20	;G b-y,r-g(B-YSIGNAL R-GGAIN) LOW							
286	00	01	00	00	;G b-y,r-g(-) (B-YSIGNAL R-G(-)GAIN) HIGH; " R-G <0 AREA GAIN							
287	11	10	01	24	;G b-y,r-g(-) (B-YSIGNAL R-G(-)GAIN) LOW"							
288	01	-	01	01	;G r-y,b-g(R-YSIGNAL B-GGAIN) HIGH; Mc-y =1' R-G > 0 AREA GAIN"							
289	40	4E	68	60	;"G r-y,b-g(R-YSIGNAL B-GGAIN) LOW"							
28A	01	-	01	01	;"G r-y,b-g(-) (R-YSIGNAL B-G(-)GAIN) HIGH; " R-G <0 AREA GAIN"							
28B	20	25	40	2D	;"G r-y,b-g(-) (R-YSIGNAL B-G(-)GAIN) LOW"							
28C	~	2A1			C PROCESS MATRIX BLOCK DATA: FIXED							
2A2	~	2B6			AF INITIALIZED BLOCK FIXED							
2B7	~	2E1			AE INITIALIZED BLOCK FIXED							
2C5	07	05	08	05	;HCOUNT_2 (AREA 6 START -> 32PIXEL)							
2C6	0D	09	0D	09	;							
2C7	13	0E	15	0E	;HCOUNT_4 (AREA 6 STOP -> 32PIXEL)							
2C8	1A	11	1A	11	;							
2C9	1A	11	1A	11	;HCOUNT_6 (EFFECTIVE PIXEL STOP -> 32PIXEL)							
2D6	05	-	06	06	;VERTICAL AE WINDOW(V1)							
2D7	05	-	06	06	;VERTICAL AE WINDOW(V2)							
2D8	0E	0E	11	11	;VERTICAL AE WINDOW(V3)							
2D9	0E	0E	11	11	;VERTICAL AE WINDOW(V4)							
2DA	0E	0E	11	11	;VERTICAL AE WINDOW(V5)							
2E2	~	302			AWB INITIALIZED BLOCK FIXED							
2E2	20	20	21	21	;OFMSG_N (OFFSET Mg-G)							
2E3	22	22	23	23	;OFSRB_N (OFFSET R-B)							
2E4	00	-	-	-	;CW_LEV_G0 (aMGL : G WHITE DETECTIONAREA)							
2E5	1C	14	1C	1A	;CW_LEV_M0 (aMGH : Mg WHITE DETECTIONAREA)							
2E6	9B	A8	A8	A6	;CW_LEV_B0 (aRBL : B WHITE DETECTIONAREA)							
2E7	3F	44	3F	3C	;CW_LEV_R0 (aRBH : R WHITE DETECTIONAREA)							
2E8	8A	90	8A	8F	;CB_LEV_G0 (bMGL : G WHITE DETECTIONAREA)							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
2E9	0A	10	10	10	;CB_LEV_M0 (bMGH : Mg WHITE DETECTIONAREA)							
2EA	95	A2	A2	A2	;CB_LEV_B0 (bRBL : B WHITE DETECTIONAREA)							
2EB	40	48	38	38	;CB_LEV_R0 (bRBH : R WHITE DETECTIONAREA)							
2EC	03	-	-	-	;Y_LEV_L0 (LOW LUMINANCE WHITE DETECTIONAREA)							
2ED	12	-	-	-	;Y_LEV_H0 (HIGH LUMINANCE WHITE DETECTIONAREA)							
2EE	04	-	-	-	;OFFSET DEC Mg-G							
2EF	02	-	-	-	;OFFSET DEC R-B							
303	~	333			DIGITAL ZOOM(DSP) INITIALIZED BLOCK FIXED							
334	~	37B			MOSAIC/MIRROR (DSP) INITIALIZED BLOCK FIXED							
37C	~	385			DISPLAY-TOP INITIALIZED BLOCK FIXED							
386	~	3B5			SSG INITIALIZED BLOCK FIXED							
386	00	-	-	02	;TV_MODE D2,D1=00: NTSC, 10=PAL							
387	03	-	-	-	;HCLR1(SSG_H COUNTER CLEAR1 ;H-START)- HIGH							
388	74	74	80	80	;LOW							
389	01	01	01	01	;HCLR2 (SSG_H COUNTER CLEAR2 ;H-MIDDLE)- HIGH							
38A	AD	AD	B8	B8	;LOW							
38B	00	00	00	00	;VCLR (SSG_V COUNTER CLEAR(T=H/2) -HIGH							
38C	02	02	02	02	;LOW							
38D	02	02	02	02	;CBLK_V tf (CBLK V blanking START PHASE)-HIGH							
38E	09	09	70	70	;LOW							
38F	2A	2A	33	33	;CBLK_V tr (CBLK V blanking END PHASE)							
390	00	-	-	-	;TKEY1_H tr (H DIRECTION TKEY1 START PHASE)-HIGH							
391	56	-	5C	65	;LOW							
392	03	-	-	-	;TKEY1_H tf (H DIRECTION TKEY1 END PHASE)-HIGH							
393	16	-	-	-	;LOW							
394	00	-	-	-	;TKEY2_H tr (H DIRECTION TKEY2 START PHASE)-HIGH							
395	5B	-	60	6A	;LOW							
396	03	-	-	-	;TKEY2_H tf (H DIRECTION TKEY2 END PHASE)-HIGH							
397	11	-	-	-	;LOW							
398	00	-	-	-	;TKEY1_V tr (V DIRECTION TKEY1 START PHASE)-HIGH							
399	20	18	20	1E	;LOW							
39A	00	01	01	01	;TKEY1_V tf (V DIRECTION TKEY1 END PHASE)-HIGH							
39B	FA	00	30	30	;LOW							
39C	00	-	-	-	;TKEY2_V tr (V DIRECTION TKEY2 START PHASE)-HIGH							
39D	23	1B	23	23	;LOW							
39E	00	-	01	01	;TKEY2_V tf (V DIRECTION TKEY2 END PHASE)-HIGH							
39F	F7	FD	2D	2D	;LOW							
3A0	43	-	-	-	;HSYNC tf (CSYNC PHASE1 ;T=1/fs)							
3A1	00	-	-	-	;HSYNC tr (CSYNC PHASE2 ;T=1/fs)-HIGH							
3A2	87	-	-	-	;LOW							
3A3	66	-	-	-	;EQ tr (CSYNC PHASE3 ;T=1/fs)							
3A4	22	-	-	-	;CAMERA MODE(REC); EN_CBLK tf (CBLK H blanking START PHASE, INTERNAL encoder)							
3A5	00	-	-	-	;CAMERA MODE(REC); EN_CBLK tr (CBLK H blanking END PHASE, INTERNAL encoder)-HIGH							
3A6	97	97	AD	AD	;LOW							
3A7	43	-	-	-	;OSDHD tr ;OSDHDSTARTPHASE(SCBLKSTARTPHASE; OSD)							
3A8	00	-	-	-	;OSDHD rf ;OSDHDENDPHASE(OSD)-HIGH							
3A9	87	87	81	81	;LOW							
3AA	25	25	25	25	;CBLK tr (CBLK blanking STARTPHASE)							
3AB	00	-	-	-	;CBLK tf (CBLK blanking ENDPHASE)-HIGH							
3AC	D5	D5	D9	E8	;LOW							
3AD	4F	4F	5C	5C	;CAMERA MODE(REC); LCDHD tf ,LCDHD STARTPHASE, LCD							
3AE	00	-	-	-	;CAMERA MODE(REC); LCDHD tr, LCDHD END PHASE, LCD -HIGH							
3AF	53	53	60	60	;LOW							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
3B6	~	3CC			ENCORDER INITIALIZED BLOCK DATA :FIXED							
3B6	0F	-	-	-	;IN-AREA SIGNAL LEVEL SELECT, VERTICAL blanking"							
3B7	21	-	-	-	;LPFSELECT,							
3B8	08	-	-	-	;Y FADE LEVEL							
3B9	00	-	-	-	;CHARA Y LEVEL (D4..D1: Y, D5..D8: GREEN)							
3BA	08	-	-	-	;R-Y FADE LEVEL							
3BB	88	-	-	-	;CHARA R-Y LEVEL (D4..D1: R-Y, D5..D8: GREEN)"							
3BC	08	-	-	-	;B-Y FADE LEVEL							
3BD	88	-	-	-	;CHARA B-Y LEVEL (D4..D1: B-Y, D5..D8: GREEN)							
3BE	00	-	-	-	;CAMERA MODE(REC) ; H resetPHASE-HIGH; S1 start point, S1(INTERNALSIGNAL);CHROMA SIGNAL							
3BF	47	48	47	47	;LOW							
3C0	01	-	-	-	;CHARA RGB level-HIGH, D1..4: R, D5..8:G, D9..12: B							
3C1	11	-	-	-	;LOW							
3C2	0C	-	-	-	;CHARA RGB G-level-HIGH, D1..4: R, D5..8:G, D9..12: B							
3C3	CC	-	-	-	;LOW							
3C4	04	-	-	-	; TEST CHANGE							
3C5	00	-	-	-	;K r-y/r-y -HIGH ,gain 4TIMES(0~1023/64)							
3C6	59	-	-	-	;LOW							
3C7	00	-	-	-	;K g-y/r-y -HIGH ,gain 4TIMES(0~1023/64)							
3C8	5A	-	-	-	;LOW							
3C9	00	-	-	-	;K b-y/b-y -HIGH ,gain 4TIMES(0~1023/64)							
3CA	92	-	-	-	;LOW							
3CB	00	-	-	-	;K g-y/b-y -HIGH ,gain 4TIMES(0~1023/64)"							
3CC	40	-	-	-	;LOW							
LCD												
	EVF	CVF	EVF	CVF	NOTE: DATA SEPERATED BY CVF OR NON-CVF MODEL (ADR.3CD~ADDR.552)							
3CD	~	43C			LCD1(CVF/LCD) INITIALIZED BLOCK DATA :FIXED							
3CD	10	00	10	00	;SELECTER(D14=fastck_p 1:dotscck2tnsqo 0:dotscck NORMALLY,D13= sony_n , 0:sony							
3CE	00	00	00	00	;							
3CF	39	5E	68	60	;DOTSCK TEST DATA-HIGH (0~ 65535 SELECT ,8000h=2 DIV)							
3D0	A6	6B	C0	00	;LOW							
3D1	00	00	00	00	;MARUME COMPENSATION-HIGH							
3D2	00	00	00	00	;LOW							
3D3	00	00	00	00	;GAMMA 1-HIGH (D13~D1:GAMMA1 DATA[9..1] 0~511 SELECT, 1STEP							
3D4	3E	3E	3E	3E	;LOW							
3D5	C0	41	C0	41	;SAMPLING SYNCHRONIZE 1- HIGH							
3D6	01	00	01	00	;LOW							
3D7	15	11	15	11	;SAMPLING SYNCHRONIZE 2- HIGH							
3D8	26	22	26	22	;LOW							
3D9	00	00	00	00	;SETUP SETTING (D13~D9 :0~31 SELECT,)							
3DA	00	00	00	00	;							
					CVF CONTRAST/BRIGHT R/G/B ADJUST							
3DB	25	-	-	-	;CONTRAST(0~4TIMES 1/64 STEP 40hX1					CVF ADJUST		
3DC	25	-	-	-	;BRIGHT (R)					CVF ADJUST		
3DD	25	-	-	-	;BRIGHT (G)					CVF ADJUST		
3DE	25	-	-	-	;BRIGHT (B)					CVF ADJUST		
43D	~	452			LTG1(VCK1=LCD) TIMIMG DATA: FIXED							
453	~	476			LTG2(VCK2=LCD) TIMIMG DATA: FIXED							
477	~	49A			LTG3(LCD) TIMIMG DATA: FIXED							
49B	~	4BE			LTG4(LCD) TIMIMG DATA: FIXED							
4BF	~	4D6			LTG5(CLK=LCD) TIMIMG DATA: FIXED							
4D7	~	4EE			LTG6(ENABLE=LCD) TIMIMG DATA: FIXED							
4EF	~	506			LTG7(H.START=LCD) TIMIMG DATA: FIXED							

NO-OSD-DISPLAY					DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
507	~	51E			LTG8(V.START=LCD) TIMING DATA: FIXED							
537	~	556			LTG10(HCK1=LCD) TIMING DATA: FIXED							
51F	~	536			LTG9(DIS-VD PULSE=LCD) TIMING DATA: FIXED							
529	00	-	-	-	;							
52A	00	-	-	01	;							
52B	01	01	02	02	;DIS VD- HD FALLING TIMING SETTING-HIGH							
52C	78	78	9D	AD	;DIS VD- HD FALLING TIMING SETTING-LOW							
563	~	56E			CAMERA MODE VERTICAL DIRECTION CONVERT LCD(LTG1) TIMING SETTING DATA FIXED							
563	C2	-	-	-	;VERTICAL CONVERT, OUTPUT CONVERT-LOW (CAMERA MODE-LTG1)					#42F		CASIO-LCD
564	04	-	-	-	; MCK MOD		OEI	PAL	DCLK	#430	HIGH	CASIO-LCD
565	01	-	01	-	;VERTICAL CONVERTΩV LTG 1 EVEN					#431		CASIO-LCD
566	FF	-	FF	-	;					#432		CASIO-LCD
567	01	-	01	-	;VERTICAL CONVERT LTG 1 ODD					#433		CASIO-LCD
568	FF	-	FF	-	;					#434		CASIO-LCD
569	00	-	00	-	;VERTICAL CONVERT LTG 1 TOGGLE POINT 1					#435		CASIO-LCD
56A	36	-	72	56	;					#436		CASIO-LCD
56B	00	-	00	-	;VERTICAL CONVERT LTG 1 EVEN					#437		CASIO-LCD
56C	02	-	02	-	;					#438		CASIO-LCD
56D	00	-	00	-	;VERTICAL CONVERT LTG 1 ODD					#439		CASIO-LCD
56E	02	-	02	-	;					#43A		CASIO-LCD
56F	~	57A			CAMERA MODE HORIZONTAL DIRECTION CONVERT LCD (LTG1)TIMING SETTING DATA FIXED							
56F	C2	-	-	-	;HORIZONTAL DIRECTION CONVERT					#42F		CASIO-LCD
570	00	-	-	-	;					#430		CASIO-LCD
571	00	-	00	-	;HORIZONTAL DIRECTION CONVERT					#431		CASIO-LCD
572	02	-	02	-	;					#432		CASIO-LCD
573	00	-	00	-	;HORIZONTAL DIRECTION CONVERT					#433		CASIO-LCD
574	02	-	02	-	;					#434		CASIO-LCD
575	00	-	00	-	;HORIZONTAL DIRECTION CONVERT					#435		CASIO-LCD
576	36	-	72	56	;					#436		CASIO-LCD
577	01	-	01	-	;HORIZONTAL DIRECTION CONVERT					#437		CASIO-LCD
578	FF	-	FF	-	;					#438		CASIO-LCD
579	01	-	01	-	;HORIZONTAL DIRECTION CONVERT					#439		CASIO-LCD
57A	FF	-	FF	-	;					#43A		CASIO-LCD
57B	~	586			CAMERA MODE VER.L/HORIZONTAL DIRECTION CONVERT LCD (LTG1)TIMING SETTING DATA							
57B	C2	-	-	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT(LTG1)					#42F		CASIO-LCD
57C	04	-	-	-	;					#430		CASIO-LCD
57D	00	-	00	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT					#431		CASIO-LCD
57E	02	-	02	-	;					#432		CASIO-LCD
57F	00	-	00	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT					#433		CASIO-LCD
580	02	-	02	-	;					#434		CASIO-LCD
581	00	-	00	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT					#435		CASIO-LCD
582	36	-	72	56	;					#436		CASIO-LCD
583	01	-	01	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT					#437		CASIO-LCD
584	FF	-	FF	-	;					#438		CASIO-LCD
585	01	-	01	-	;VERTICAL/HORIZONTAL DIRECTION CONVERT					#439		CASIO-LCD
586	FF	-	FF	-	;					#43A		CASIO-LCD
587	~	58A			VTR-PB SEARCH MODE LCD TIMING SETTING DATA FIXED							
587	30	-	-	-	;SEARCH/STILL, HV COUNTER TEST DATA-LOW					#3FD		CASIO-LCD
588	00	-	-	-	; HLD VLD		ALO	ofe2	hf1	#3FE		CASIO-LCD
589	80	-	-	-	;SEARCH/STILL, SRT SIGNAL SHIFT -LOW					#409		CASIO-LCD
58A	02	-	-	-	; CSO fps					#40A		CASIO-LCD

	NO-OSD-DISPLAY				DISTANCE								
ADDR	MODEL/DATA				CONTENT								
	NTSC		PAL										
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0	
58B	~	5A2			LTG9(DIS-VD PULSE=CVF MODEL) TIMIMG DATA: FIXED							CVF	
595	00	00	00	00	;							CVF	
596	00	-	00	01	;							CVF	
597	02	02	02	02	; DIS VD- HD FALLING TIMING SETTING-HIGH							CVF	
598	6A	6A	65	6C	; DIS VD- HD FALLING TIMING SETTING-LOW							CVF	
5A7	94	-	-	-	; CVF COM_DC		MICOM PIN 28 OUTPUT						CVF
5A8	52	-	-	-	; CVF COM_CRL		MICOM PIN 21 OUTPUT						CVF
5A9	47	47	47	47	; #3BF	EN_A04_0F	H reset -LOW				CASIO-LCD-PB	CVF-PB	
5AA	1B	43	38	43	; #3AD	SSG_A04_DE	PB MODE H- START PULSE				CASIO-LCD-PB	CVF-PB	
5AB	00	00	00	00	; #3AE	SSG_A04_DF	PB MODE H- END PULSE				CASIO-LCD-PB	CVF-PB	
5AC	3B	47	40	47	; #3AF	SSG_A04_DF	PB MODE H- END PULSE				CASIO-LCD-PB	CVF-PB	
5AD	~	5CD			CASIO LCD (CANON MODEL) SETTING								
5AD	00	-	-	-	; #3D3	GAMMA 1 HIGH						CASIO-LCD	
5AE	3E	-	-	-	; #3D4	GAMMA 1 LOW						CASIO-LCD	
5AF	2E	-	-	-	; #3DB	CONTRAST(0~4TIMES 1/64 STEP 40hX1						CASIO-LCD	
5B0	00	-	-	-	; #3DC	BRIGHT (R) , BRIGHT 0~255 :00h SETTING IS +0 bright ADJUST						CASIO-LCD	
5B1	00	-	-	-	; #3DD	BRIGHT (G) , BRIGHT 0~255:00h SETTING IS +0 bright ADJUST						CASIO-LCD	
5B2	00	-	-	-	; #3DE	BRIGHT (B) , BRIGHT 0~255: 00h SETTING IS +0 bright ADJUST						CASIO-LCD	
5B3	00	-	-	-	; #3E3	GAMMA 2 HIGH						CASIO-LCD	
5B4	40	-	-	-	; #3E4	GAMMA 2 LOW						CASIO-LCD	
5B5	80	-	-	-	; #3E5	R GAIN						CASIO-LCD	
5B6	80	-	-	-	; #3E6	G GAIN						CASIO-LCD	
5B7	70	-	-	-	; #3E7	B GAIN						CASIO-LCD	
5B8	50	-	A9	-	;	LCD COM_DCMICOM PIN 28 OUTPUT						CASIO-LCD	
5B9	60	-	50	-	;	LCD COM_CRLMICOM PIN 21 OUTPUT						CASIO-LCD	
5BA	54	54	54	54	;	STEP R GAIN LCD USER ADJUST						CASIO-LCD	
5BB	54	54	54	54	;	STEP G GAIN						CASIO-LCD	
5BC	54	54	54	54	;	STEP B GAIN						CASIO-LCD	
5BD	55	-	-	-	;							CASIO-LCD	
5C0	00	-	-	-	; #4D7	CAM MODE- VERTICAL CONVERT						CASIO-LCD	
5C1	1D	-	3A	-	; #4D8	#4D7~#4D8:COMMAND						CASIO-LCD	
5C2	00	-	-	-	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5C3	18	-	1D	1D	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5C4	00	-	00	00	; #4D7	PB MODE MODE -LCD VERTICAL SIZE SIZE						CASIO-LCD	
5C5	16	-	2C	16	; #4D8	(H SIZE# 690)						CASIO-LCD	
5C6	00	-	00	00	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5C7	0D	-	11	17	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5CA	00	00	00	00	; #4D7	VTR-PB MODE VERTICAL/HORIZONTAL DIRECTION CONVERT						CASIO-LCD	
5CB	1D	-	3A	-	; #4D8							CASIO-LCD	
5CC	00	-	-	-	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5CD	0F	-	11	15	;	#4D9~4DA,4DB~4DC,4E5~4E6,4E7~4E8						CASIO-LCD	
5EC	59	-	-	-	;	K r-y/r-y -HIGH ,gain 4TIMES(0~1023/64)				#3C6		CVF	
5ED	5A	-	-	-	;	K g-y/r-y -HIGH ,gain 4TIMES(0~1023/64)				#3C8		CVF	
5EE	92	-	-	-	;	K b-y/b-y -HIGH ,gain 4TIMES(0~1023/64)				#3CA		CVF	
5EF	40	-	-	-	;	K g-y/b-y -HIGH ,gain 4TIMES(0~1023/64)				#3CC		CVF	
5F9	66	-	66	66	; #4F0	PB MODE						CVF	
5FA	66	-	66	66	; #4F6	PB MODE						CVF	
5FB	71	-	71	71	; #4FC	PB MODE						CVF	
5FC	71	-	71	71	; #502	PB MODE						CVF	
600	~	67F			DIS REGISTER								
600	48	-	-	-	DIS_ON	ZOOM_ON	LSSC_ON	MIRR_ON	PIP_ON	POWER	PIP_MIRR	BYPASS	
601	8C	-	-	-	FRAME	STILL1	STILL2	CEDGE_ON	APT_ON	OSD_ON	TRA_ON	GAMA_ON	

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
602	20	00	60	40	DVC	PAL	HIGH	FLD_SEL	BIST	PN_SEL	CUR_HOLD	CLEAR
603	00	-	-	-	KX (7:0) HORIZONTAL ZOOM COEFFICENT VALUE							
604	00	-	-	-	KY (7:0) VERTICAL ZOOM COEFFICENT VALUE							
605	85	5E	83	5E	SP_H (7:0) HORIZONTAL START POINT FOR ZOOM							
606	11	11	16	14	SP_V (7:0) VERTICAL START POINT FOR ZOOM							
607	03	F0	00	00	WIDTH (7:0) HORIZONTAL WIDTH LSB							
608	03	01	03	02	X	X	X	X	X	X	WIDTH (9:8)	WIDTH MSB
609	F5	F5	22	22	HEIGHT [7:0] VERTICAL HEIGHT LSB							
617	65	3D	63	3D	OUT_OFF (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							
618	65	3D	63	3D	OUT_OFF1 (7:0) FIELD MEMORY1 HORIZONTAL OUTPUT S/P							
619	08	08	-	-	GR_MODE (7:4) INTERNAL IMAGE SELECT MODE				OSD_VAL (3:0)			
61A	8E	8E	90	8E	CLK2_SEL	CLK2_SEL (6:0) CLK DELAY ADJUST						
61B	00	60	2C	2C	S1S2_SEL0	CRCB_SEL0	S1S2_SEL1	CRCB_SEL1	LINE_SEL0	LINE_SEL1	LINE_SEL2	LINE_SEL3
61C	02	02	03	02	OSD_SEL (7:5)			HVD_ADJ				
673	38	38	38	38	PTHRESH (7:0) DIGITAL CLAMP THRESHOLD VALUE FROM MICOM							
674	04	04	04	04	POFFSET (7:0) DIGITAL CLAMP OFFSET VALUE FROM MICOM							
675	03	-	-	-	PCMD (7:0) PREPROCESS COMMAND FROM MICOM							
676	00	-	-	-	PRAMIL (7:0) DEFECT POSITION VALUE(7:0) FROM MICOM							
677	00	-	-	-	PRAMIM (16:8) DEFECT POSITION VALUE(15:8) FROM MICOM							
678	00	-	-	-	X	X	X	X	PRAMIM (19:16) DEFECT POSITION FROM MICOM			
679	00	-	-	-	X	X	PRAMA_MI (5:0) LINE MEMORY ADDRESS FROM MICOM					
67A	00	-	-	-	;DIS;FACTOR AT BLC ON CONDION							
67B	00	-	-	-	;DIS;FACTOR AT BLC ON CONDION							
67C	10	-	-	-	;DIS;CCD DEFECT COMPENSATION DIGITAL CLAMP LEVEL#674							
67D	D0	-	-	-	;DIS; DIS ON AGC AE TARGET DOWN PERCENT							
67E	F4	-	-	-	;DIS;WIGHT WHEN DECREASE							
67F	00	-	-	-	;DIS; STEP CONTROL '00~88'							
680	~	7FF			VTR PART ADDRESS & DATA [061~067 & 680~7FF]							
690	1B	1B	17	17	;PB MODE HDIRECTION START PULSE							
691	00	-	-	-	;PB MODE HDIRECTION END PULSE							
692	3B	3B	42	42	;PB MODE HDIRECTION END PULSE							
693	07	-	-	-	;PB MODE(CAM/TG/DEMODO/AD) - STD2							
694	FC	-	-	-	;PB MODESTD1							
695	03	-	-	-	;PB MODE(RCON/DISP) - LCD CLOSE(LCD POWER OFF D5 = %%1%%)							
696	C3	-	-	-	; PB MODE							
697	00	-	-	-	;PB MODE(SRAM) - LCD CLOSE(LCD POWER OFF D9 = %%1%%)							
698	00	-	-	-	; PB MODE							
699	00	-	-	-	; PB MODE							
69A	01	-	-	-	; PB MODE							
69B	00	-	-	-	; PB MODE							
69C	0F	-	-	-	; PB MODE							
69D	14	-	-	-	; PB MODE							
69E	7F	-	-	-	; PB MODE							
69F	03	-	-	-	; PB MODE							
6A0	FF	-	-	-	;							
6A1	00	07	00	04	; PB MODE SCK CNT*SCK MASK(NTSC1820fH/3,PAL1824fH/3)							
6A2	02	02	03	02	; PB MODE TG HCYCLE				TG: H CYCLE SETTING (T=1/fs) : D11 ~ D9			
6A3	8D	5D	8F	5F	;				TG: H CYCLE SETTING (T=1/fs) : D8 ~ D1			
6B0	00	-	-	-	;BACKUP_EMG_L				VCR EEPROM DATA(LITHIUM BACKUP AREA)			
6B1	00	-	-	-	;BACKUP_EMG_H							
6B2	00	-	-	-	;BACKUP_TTLSELDATA							
6B3	00	-	-	-	;BACKUP_TITLEDSPCUSSTATE(DISP_OFF)//SAMSUNG							
6B4	00	-	-	-	;BACKUP_TITLEDSPSTATE(DISP_OFF)//CANON							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
6B5	00	-	-	-	;BACKUP_DTIMEDSPSTATE(DISP_OFF)//CANON							
6B6	00	-	-	-	;BACKUP_PAEDATA(AUTO)							
6B7	00	-	-	-	;BACKUP_DSEDATA(AUTO)							
6B8	00	-	-	-	;BACKUP_PBDSEDATA(AUTO)							
6B9	11	-	-	-	;BACKUP_USERBRIGHT							
6BA	11	-	-	-	;BACKUP_USERCOLOR							
6BB	0B	-	-	-	;BACKUP_USERVOLUME							
6BC	00	-	-	-	; RESERVE							
6BD	00	-	-	-	; RESERVE							
6BE	00	-	-	-	; RESERVE							
6BF	12	-	-	-	; RESERVE							
6C0	00	-	-	-	;TAPECOUNTER0							
6C1	00	-	-	-	;TAPECOUNTER1							
6C2	00	-	-	-	;TAPECOUNTER2							
6C3	00	-	-	-	;TAPECOUNTER3							
6C4	2B	-	-	-	;BACKUP_FLAG0							
6C5	07	-	-	-	;BACKUP_FLAG1							
6C6	4D	-	-	-	;BACKUP_FLAG2							
6C7	FF	-	-	-	;							
6C8	80	-	-	-	; ;data low							
6C9	00	-	-	-	; ;data high							
6CA	80	-	-	-	; ;data low							
6CB	00	-	-	-	; ;data high							
700	20	20	78	78	;CAM MODE(REC/RECP/STOP) : D1~D8							
701	10	-	-	-	;CAM MODE(REC/RECP/STOP) : D9~D16							
702	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D17~D24							
703	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D25~D32							
704	29	-	-	-	;CAM MODE(REC/RECP/STOP) : D33~D40							
705	78	78	78	78	;CAM MODE(REC/RECP/STOP) : D41~D48							
706	88	-	-	-	;CAM MODE(REC/RECP/STOP) : D49~D56							
707	1B	-	-	-	;CAM MODE(REC/RECP/STOP) : D57~D64							
708	88	-	-	-	;CAM MODE(REC/RECP/STOP) : D65~D72							
709	C2	-	-	-	;CAM MODE(REC/RECP/STOP) : D73~D80							
70A	00	-	-	-	;CAM MODE(REC/RECP/STOP) : D81~D88							
70B	6A	-	-	-	;CAM MODE(REC/RECP/STOP) : D89~D96							
70C	33	33	13	13	;CAM MODE(REC/RECP/STOP) : D97~D104							
70D	1B	-	-	-	;CAM MODE(REC/RECP/STOP) : D105~D112							
70E	9F	-	-	-	;CAM MODE(REC/RECP/STOP) : D113~D120							
70F	50	-	-	-	;CAM MODE(REC/RECP/STOP) : D121~D128							
710	21	21	79	79	;NORMALLYPB PB/EDIT-PB : D1~D8							
711	16	16	1E	1E	;NORMALLYPB PB/EDIT-PB : D9~D16							
712	05	05	1B	1B	;NORMALLYPB PB/EDIT-PB : D17~D24							
713	2E	-	-	-	;NORMALLYPB PB/EDIT-PB : D25~D32							
714	29	29	27	27	;NORMALLYPB PB/EDIT-PB : D33~D40							
715	25	-	-	-	;NORMALLYPB PB/EDIT-PB : D41~D48							
716	89	89	CA	CA	;NORMALLYPB PB/EDIT-PB : D49~D56							
717	1C	-	-	-	;NORMALLYPB PB/EDIT-PB : D57~D64							
718	80	-	-	-	;NORMALLYPB PB/EDIT-PB : D65~D72							
719	B0	-	-	-	;NORMALLYPB PB/EDIT-PB : D73~D80							
71A	10	-	-	-	;NORMALLYPB PB/EDIT-PB : D81~D88							
71B	10	-	-	-	;NORMALLYPB PB/EDIT-PB : D89~D96							
71C	AA	AA	A9	A9	;NORMALLYPB PB/EDIT-PB : D97~D104							
71D	24	-	-	-	;NORMALLYPB PB/EDIT-PB : D105~D112							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
71E	48	-	-	-	;NORMALLYPB PB/EDIT-PB : D113~D120							
71F	14	-	-	-	;NORMALLYPB PB/EDIT-PB : D121~D128							
720	00	-	-	-	;NORMALLYPB PB/EDIT-VRPB : D89~D96							
721	17	17	1F	1F	;NORMALLYPB STIL/E-STIL : D9~D16							
722	18	-	-	-	;NORMALLYPB STIL/E-STIL : D17~D24							
723	2E	-	-	-	;NORMALLYPB STIL/E-STIL : D25~D32							
724	2D	2D	2D	2D	;NORMALLYPB STIL/E-STIL : D41~D48							
725	00	-	-	-	;NORMALLYPB STIL/E-STIL : D89~D96							
726	1B	-	-	-	;NORMALLYPB STIL/E-STIL : D105~D112							
727	2D	2D	2D	2D	;NORMALLYPB CUE/REV/E-CUE/E-REV : D41~D48							
728	B0	-	-	-	;NORMALLYPB CUE/REV/E-CUE/E-REV : D73~D80							
745	24	24	7C	7C	;HI8 CAM(REC/RECP/STOP):D1~D8							
746	C9	C9	E9	E9	;HI8 CAM(REC/RECP/STOP):D33~D40							
747	78	78	78	78	;HI8 CAM(REC/RECP/STOP):D41~D48							
748	88	-	-	-	;HI8 CAM(REC/RECP/STOP):D49~D56							
749	88	-	-	-	;HI8 CAM(REC/RECP/STOP):D65~D72							
74A	C2	-	-	-	;HI8 CAM(REC/RECP/STOP):D73~D80							
74B	03	-	-	-	;HI8 CAM(REC/RECP/STOP):D81~D88							
74C	29	-	-	-	;HI8 CAM(REC/RECP/STOP):D89~D96							
74D	00	-	-	-	;HI8 CAM(REC/RECP/STOP):D113~D120							
74E	50	-	-	-	;HI8 CAM(REC/RECP/STOP):D121~D128							
74F	A4	-	-	-	;HI8-PB(PB/EDIT-PB) : D33~D40							
750	45	-	-	-	;HI8-PB(PB/EDIT-PB):D41~D48				PB ENHANCER			
751	89	89	CA	CA	;HI8-PB(PB/EDIT-PB):D49~D56							
752	80	-	-	-	;HI8-PB(PB/EDIT-PB):D65~D72							
753	D4	-	-	-	;HI8-PB(PB/EDIT-PB):D73~D80							
754	AA	AA	A9	A9	;HI8-PB(PB/EDIT-PB):D97~D104							
755	49	49	49	49	;HI8-PB(PB/EDIT-PB):D113~D120							
756	0C	-	-	-	;HI8-PB(PB/EDIT-PB):D121~D128							
757	0D	-	-	-	;HI8-PB(STILL/E-STILL):D41~D48							
758	0D	-	-	-	;HI8-PB(CUE/REV/E-CUE/E-REV):D41~D48							
759	B4	-	-	-	;HI8-PB(CUE/REV/E-CUE/E-REV):D73~D80							
776	10	-	-	-	;NORMALLY AND N/M-PAL PB/SEARCH MODE HI8ME:D113~D120(D90~D91)							
777	60	-	-	-	;TBC OFF : D89~D96; D94~D95							
778	1B	-	-	-	;TBC OFF : D105~D112 ; D105~D112							
779	5B	-	-	-	;PAL60 TBCOFF : D97~D104 ; D97~D100							
77A	5B	-	-	-	;"NORMALLY,M/N_PAL MODE TBC OFF;D97~D104 ; D97~D100"							
77B	92	92	12	12	;LCD OPEN SKEW :D88= 1 SETTING							
77C	12	-	-	-	;" NOT USED;NORMALLY AND N/M_PAL VRPB,STILL,SEARCH ; D81~D88"							
77D	12	-	-	-	;" NOT USED;PAL60 VRPB,STILL,SEARCH ; D81~D88"							
77E	00	-	-	-	; NOT USED							
77F	00	-	-	-	; NOT USED							
780	80	80	86	86	;CAM FADE MUTE LEVEL							
781	20	20	24	24	;CAM PEDESTAL LEVEL				CAMERA SYNC LEVEL			
782	0A	-	-	-	;FMEQ CONTROL LB,HB CURVE AND LIMITER							
783	3C	-	-	-	;PB/LB CONVERT COMPENSATION TRAP DEPTH				CAMERA B-Y BURST LEVEL			
784	59	59	64	64	;CAM B-Y BURST LEVEL				CAMERA R-Y BURST LEVEL			
785	80	80	9C	9C	;CAM R-Y BURST LEVEL							
786	4A	4A	40	40	;PB TBC OFF:PEDESTAL LEVEL							
787	0E	0E	06	06	;PB TBC OFF:PB SYNC LEVEL							
788	18	-	-	-	;SYNC SEP&AF ZONE ADD LEVEL							
789	38	-	-	-	;Y AND CAM Y CLIP LEVEL							
78A	08	-	-	-	;CAM SYNC CUT LEVEL							
78B	10	-	-	-	;C RF OUTPUT A/D SETTING							

	NO-OSD-DISPLAY				DISTANCE							
ADDR	MODEL/DATA				CONTENT							
	NTSC		PAL									
	HI8	NOR	HI8	NOR	D7	D6	D5	D4	D3	D2	D1	D0
78C	22	22	22	22	;TRIC DO DETECTION LEVEL							
78D	3B	-	-	-	;PB DO DETECTION LEVEL							
78E	FF	-	-	-	;FCNR/C DEEMPHA/C EMPHA LIMITER							
78F	FB	-	-	-	;PB_C ENHANCER/CNR/C GAINSETTINGCLIP							
790	B8	-	-	-	;PB BLUE BACKSIGNAL B-Y LEVEL							
791	6E	-	-	-	;PB BLUE BACKSIGNAL R-Y LEVEL					PB B-Y BURST LEVEL		
792	59	59	64	64	;ffapc B-Y BURST LEVEL					PB R-Y BURST LEVEL		
793	80	80	9C	9C	;ffapc R-Y BURST LEVEL							
794	15	-	-	-	;TBC SYNC LEVEL							
795	AC	-	-	-	;TBC LB °\$H B SYNC CUT LEVEL							
796	59	59	64	64	;TBC B-Y BURST LEVEL					PB B-Y BURST LEVEL		
797	80	80	9C	9C	;TBC R-Y BURST LEVEL					PB R-Y BURST LEVEL		

CHANGED DATA BY MODEL

ADDR	MODEL/DATA				CONTENT	APPLY MODELS
	NTSC		PAL			
	HI8	NOR	HI8	NOR		
001		C6	C6	C6	OPTION(DIS MODEL)	VP-L850/VP-L850D/VP-L870/SCL860/SCL870
		46		46	OPTION(NON-DIS MODEL)	VP-L800/VP-L800U/SCL810
021		08	08	08	AGC ON H ENHANCER	VP-L850/VP-L850D/VP-L870/SCL860/SCL870
		05		05	AGC ON H ENHANCER	VP-L800/VP-L800U/SCL810
031		08	08	08	AGC ON H CORE LEVEL	VP-L850/VP-L850D/VP-L870/SCL860/SCL870
		05		05	AGC ON H CORE LEVEL	VP-L800/VP-L800U/SCL810
032		08	08	08	AGC ON V CORE LEVEL	VP-L850/VP-L850D/VP-L870/SCL860/SCL870
		05		05	AGC ON V CORE LEVEL	VP-L800/VP-L800U/SCL810

NOTE: NTSC HI8 ADDR.3CD-552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL) DATA

NOTE: NTSC NORMAL ADDR.3CD-552 :CVF MODEL (CVF ONLY:HI8/NORMAL) DATA

NTSC HI8 MODEL INITIAL DATA (000~7FF)

NTSC HI8 ; 0 PAGE DATA(000~0FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	00	C6	67	A5	70	08	44	44	03	B0	75	3D	85	50	02	1C	//	f
	30	00	F7	01	80	D2	01	74	A0	05	70	0B	80	B0	98	98	//	1f
	60	08	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f
	40	08	08	12	01	23	00	B4	01	20	01	0A	01	52	01	2A	//	3f
	64	43	C6	A0	9A	3E	6A	30	30	8E	94	20	00	08	00	80	//	4f
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f
	80	00	19	7F	88	05	00	00	F9	19	09	1A	80	87	00	85	//	6f
	00	83	50	7C	09	11	10	68	F6	12	04	12	04	6C	60	6C	//	7f
	1B	29	0C	02	A0	0E	39	13	54	8C	87	92	FF	93	50	01	//	8f
	00	00	32	00	DD	B8	31	66	36	16	00	11	3D	14	3D	3F	//	9f
	3D	B4	90	01	98	01	D2	00	F3	01	6C	81	21	87	07	0C	//	af
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	D0	89	60	//	bf
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df
	1F	00	00	2B	00	DF	00	88	09	2B	00	DF	DC	FA	B0	E8	//	ef
	01	03	01	80	81	FF	FF	41	01	F6	02	77	03	C9	02	60	//	ff

NTSC HI8 ; 1 PAGE DATA(100~1FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	02	02	04	00	00	39	07	02	00	//	11f
	04	00	01	00	01	0A	00	06	02	5D	01	2F	23	00	23	03	//	12f
	1D	03	1D	0F	17	00	70	01	28	01	2E	02	0C	09	01	06	//	13f
	0B	13	07	08	01	00	00	F1	11	28	35	4C	00	01	00	01	//	14f
	00	08	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f
	0A	13	10	01	16	07	11	28	35	4C	05	55	45	55	15	15	//	16f
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f
	00	61	00	01	00	14	00	00	00	00	00	00	30	00	00	00	//	18f
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	7E	//	1af
	00	83	00	23	00	00	00	7A	00	77	00	00	00	00	00	00	//	1bf
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff

NTSC HI8 ; 2 PAGE DATA(200~2FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	00	EC	00	00	00	00	1A	00	02	60	01	04	0F	01	0F	1C	//	22f
	01	00	15	04	06	01	0B	16	00	13	3F	05	0F	00	08	32	//	23f
	09	01	BB	00	10	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f
	01	FF	01	FF	04	CF	00	FF	02	BB	03	3B	01	EB	07	E0	//	25f
	00	FF	04	D5	01	BF	07	B3	05	83	00	7F	03	53	03	43	//	26f
	03	36	00	AA	01	F3	01	18	12	04	0A	01	FF	00	00	00	//	27f
	01	10	00	A0	01	10	01	11	01	40	01	20	B2	05	1A	00	//	28f
	01	00	00	00	6A	00	2D	00	60	00	88	00	00	00	00	00	//	29f
	00	01	00	00	A8	00	04	3F	0B	00	00	00	01	00	00	86	//	2af
	01	0D	00	54	00	CA	01	00	01	18	00	8C	FE	05	04	01	//	2bf
	00	00	00	6B	00	07	0D	13	1A	1A	00	00	08	00	C4	01	//	2cf
	1C	00	19	02	00	00	05	05	0E	0E	0E	05	00	0B	00	FE	//	2df
	00	00	20	22	00	1C	9B	3F	8A	0A	95	40	03	12	04	02	//	2ef
	00	C8	01	15	00	12	00	79	03	00	00	00	00	00	01	01	//	2ff

NTSC HI8 ; 3 PAGE DATA(300~3FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	00	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	81	00	00	0C	00	00	02	FF	FF	F5	02	01	00	08	00	//	32f
	00	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	FF	//	33f
	00	0F	00	0F	01	00	00	00	00	03	03	FF	07	FF	00	00	00	//	34f
	FF	00	FF	00	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	00	//	36f
	00	0B	01	02	00	88	30	00	00	00	01	03	00	00	00	00	6D	//	37f
	44	88	88	99	99	08	00	00	03	74	01	AD	00	02	02	09	2A	//	38f
	00	56	03	16	00	5B	03	11	00	20	00	FA	00	23	00	00	F7	//	39f
	43	00	87	66	22	00	97	43	00	87	25	00	D5	4F	00	00	53	//	3af
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	00	47	//	3bf
	01	11	0C	CC	04	00	59	00	00	5A	00	92	00	40	10	00	39	//	3cf
	A6	00	00	00	00	3E	C0	01	15	26	00	00	2A	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	00	01	FF	00	00	00	//	3ef
	00	00	17	00	FE	01	FF	01	FF	00	00	00	00	FE	20	00	00	//	3ff

NOTE: NTSC HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL)

NTSC HI8 ; 4 PAGE DATA(400~4FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	03	00	03	80	01	01	FF	01	FF	C0	02	20	16	00	00	01	//	40f
	FF	03	FF	01	FF	01	FF	00	16	01	FF	00	00	03	FF	01	//	41f
	FF	01	FF	00	16	00	00	40	00	03	FF	01	FF	01	FF	A0	//	42f
	36	01	FF	01	FF	00	36	00	02	00	02	00	36	01	FF	41	//	43f
	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	//	44f
	FF	01	FF	20	16	00	00	00	00	03	FF	01	FF	01	FF	03	//	45f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	00	16	00	00	40	//	46f
	00	03	FF	01	FF	01	FF	20	10	01	FF	41	FF	03	FF	01	//	47f
	FF	01	FF	00	44	01	FF	41	FF	03	FF	01	FF	01	FF	03	//	48f
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	44	01	FF	41	//	49f
	FF	03	FF	01	FF	01	FF	00	08	01	FF	41	FF	03	FF	01	//	4af
	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	//	4bf
	3A	00	00	00	00	03	FF	01	FF	01	FF	00	4E	00	00	00	//	4cf
	00	03	FF	01	FF	01	FF	00	16	00	17	00	17	03	FF	01	//	4df
	FF	01	FF	00	28	00	17	00	17	03	FF	01	FF	01	FF	20	//	4ef
	25	01	FF	41	FF	01	68	01	FF	41	FF	00	08	01	FF	41	//	4ff

NTSC HI8 ; 5 PAGE DATA(500~5FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	03	FF	01	FF	01	FF	20	19	01	FF	41	FF	03	FF	01	//	50f	
	FF	01	FF	00	25	01	FF	41	FF	03	FF	01	FF	01	FF	00	//	51f	
	00	00	0A	00	0A	00	B0	03	FF	00	00	01	78	00	00	03	//	52f	
	FF	03	FF	01	FF	01	FF	81	2C	01	FF	81	FF	01	2D	01	//	53f	
	FF	C1	FF	01	36	01	FF	81	FF	01	37	01	FF	C1	FF	01	//	54f	
	FF	01	FF	00	88	02	C7	22	00	97	21	00	25	00	47	01	//	55f	
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f	
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f	
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f	
	0A	01	21	03	FF	00	00	02	6A	00	00	03	FF	03	FF	01	//	59f	
	FF	01	FF	FF	FF	FF	FF	94	52	47	1B	00	3B	00	3E	2E	//	5af	
	00	00	00	00	40	80	80	70	50	60	54	54	54	55	FF	FF	//	5bf	
	00	1D	00	18	00	16	00	0D	FF	FF	00	1D	00	0F	00	00	//	5cf	
	01	01	01	01	04	04	03	02	55	55	88	44	87	80	01	02	//	5df	
	01	02	16	17	17	18	00	12	2E	15	15	1A	59	5A	92	40	//	5ef	
	49	4C	49	4C	48	4C	48	4C	78	66	66	71	71	13	FF	FF	//	5ff	

NTSC HI8 ; 6 PAGE DATA(600~6FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	20	00	00	85	11	03	03	F5	00	65	02	7F	00	A4	//	60f	
	01	B8	00	06	03	03	00	65	65	08	8E	00	02	84	76	7E	//	61f	
	04	2A	02	00	44	83	0D	00	02	14	02	F0	70	04	40	10	//	62f	
	04	40	04	07	15	2C	4D	70	B4	F8	F8	04	07	15	2C	4D	//	63f	
	70	B4	F8	F8	A5	15	F2	00	E0	02	DE	DE	00	C1	00	00	//	64f	
	00	00	FA	00	33	88	21	48	11	A5	A5	68	E0	00	70	1B	//	65f	
	E2	02	6B	1D	B9	3B	5C	22	A4	4A	76	10	E5	03	00	FF	//	66f	
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f	
	00	00	65	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f	
	1B	00	3B	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f	
	FF	00	03	8D	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af	
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf	
	00	00	00	00	2B	07	4D	FF	80	00	80	00	00	00	22	60	//	6cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff	

NTSC HI8 ; 7 PAGE DATA(700~7FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	20	10	00	00	29	78	88	1B	88	C2	00	6A	33	1B	9F	50	//	70f	
	21	16	05	2E	29	25	89	1C	80	B0	10	10	AA	24	48	14	//	71f	
	00	17	18	2E	2D	00	1B	2D	B0	E1	16	05	2E	29	25	89	//	72f	
	13	84	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f	
	9D	B0	81	1B	1B	24	C9	78	88	88	C2	03	29	00	50	A4	//	74f	
	45	89	80	D4	AA	49	0C	0D	0D	B4	A4	05	89	84	D4	A9	//	75f	
	49	0C	B4	00	49	2B	00	50	69	1C	00	50	00	00	00	00	//	76f	
	04	34	34	34	34	10	10	60	1B	5B	5B	92	12	12	00	00	//	77f	
	80	20	0A	3C	59	80	4A	0E	18	38	08	10	22	3B	FF	FB	//	78f	
	B8	6E	59	80	15	AC	59	80	8C	7F	D4	C8	F9	6A	A4	0F	//	79f	
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	AB	44	00	//	7af	
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf	
	74	8E	00	56	01	6F	01	74	00	5A	02	03	FF	FF	FF	FF	//	7cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	01	14	//	7ff

NTSC NORMAL MODEL INITIAL DATA (000~7FF)

NTSC NORMAL ; 0 PAGE DATA(000~0FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	01	46	67	A5	70	08	44	44	03	B0	75	3D	85	50	02	1C	//	f	
	30	00	F6	00	FF	D2	01	74	A0	05	70	0B	80	B0	98	98	//	1f	
	60	05	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f	
	40	0B	0B	12	01	23	00	B4	01	2A	01	2A	01	2B	01	28	//	3f	
	64	43	C6	A0	9A	3E	6A	30	30	8E	94	20	00	08	00	80	//	4f	
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f	
	80	00	19	7F	88	05	00	00	F9	19	09	1A	80	87	00	85	//	6f	
	00	83	50	7C	09	11	10	68	F6	12	04	12	04	6C	60	60	//	7f	
	1B	29	0C	02	A0	0E	39	13	54	8C	87	92	FF	93	50	01	//	8f	
	00	00	32	00	DD	B8	31	66	36	16	00	10	3D	14	3D	3F	//	9f	
	3D	B4	90	01	98	01	D2	00	F3	01	6C	81	21	87	07	0C	//	af	
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	D0	89	60	//	bf	
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf	
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df	
	1F	00	00	2B	00	DF	00	88	09	32	00	DF	00	F9	D4	ED	//	ef	
	01	02	01	80	81	FF	FF	41	01	F4	02	77	03	C9	02	60	//	ff	

NTSC NORMAL ; 1 PAGE DATA(100~1FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	00	01	02	04	00	00	39	07	02	00	//	11f
	03	03	DE	00	01	0A	00	06	02	5D	01	2F	23	00	23	03	//	12f	
	1D	03	1D	0F	17	00	70	01	28	01	2E	02	0C	09	01	06	//	13f	
	0B	13	07	08	01	00	00	F1	11	28	35	4C	00	01	00	01	//	14f	
	00	08	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f	
	0A	13	10	01	16	07	11	28	35	4C	05	55	45	55	15	15	//	16f	
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f	
	00	61	00	01	00	14	00	00	00	00	00	00	30	00	00	00	//	18f	
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f	
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	7E	//	1af	
	00	83	00	23	00	00	00	7A	00	77	00	00	00	00	00	00	//	1bf	
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf	
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df	
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef	
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff	

NTSC NORMAL ; 2 PAGE DATA(200~2FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	00	EC	00	00	00	00	00	1A	00	02	60	01	04	0F	01	0F	18	//	22f
	01	00	15	04	06	01	0B	14	00	13	3F	05	0D	00	08	34	//	23f	
	09	01	BB	00	10	00	00	00	1F	00	01	00	01	FF	01	FF	//	24f	
	01	FF	01	FF	04	DF	00	FF	02	9B	03	3B	01	EB	07	E0	//	25f	
	00	FF	04	D5	01	BF	07	B3	05	83	00	7F	03	83	03	3A	//	26f	
	03	36	00	A0	01	F3	01	18	12	04	0A	01	FF	00	00	00	//	27f	
	01	10	00	C0	01	03	01	10	01	4E	01	25	B2	05	1A	00	//	28f	
	01	00	00	00	68	00	D2	00	40	00	88	00	00	00	00	00	//	29f	
	00	01	00	00	A8	00	04	35	02	00	00	00	01	00	00	64	//	2af	
	00	BE	00	56	00	CA	01	00	01	18	00	8C	FE	05	04	01	//	2bf	
	00	00	00	69	00	05	09	0E	11	11	00	00	08	00	87	01	//	2cf	
	1C	00	17	02	00	00	05	05	0E	0E	0E	05	00	0B	00	FE	//	2df	
	00	00	20	22	00	14	A8	44	90	10	A2	48	03	12	04	02	//	2ef	
	00	A0	00	0E	00	12	00	79	02	00	00	00	00	00	01	01	//	2ff	

NTSC NORMAL ; 3 PAGE DATA(300~3FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f
	00	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f
	00	FF	7F	00	00	0C	00	00	02	FF	FF	01	02	01	00	08	56	//	32f
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	FF	//	33f	
	00	0F	00	0F	01	00	00	00	03	03	FF	07	FF	00	00	00	//	34f	
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f	
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f	
	00	0B	01	02	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f	
	44	88	88	99	99	08	00	03	74	01	AD	00	02	02	09	2A	//	38f	
	00	56	03	16	00	5B	03	11	00	18	01	00	00	1B	00	FD	//	39f	
	43	00	87	66	22	00	97	43	00	87	25	00	D5	4F	00	53	//	3af	
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	48	//	3bf	
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	00	00	5E	//	3cf	
	6B	00	00	00	3E	41	00	11	22	00	00	00	25	25	25	25	00	//	3df
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	02	00	00	00	//	3ef
	00	00	14	00	FC	01	FF	01	FF	02	00	01	20	20	00	00	00	//	3ff

NOTE: NTSC NORMAL ADDR.3CD-552 :CVF MODEL (CVF ONLY:HI8/NORMAL)

NTSC NORMAL ; 4 PAGE DATA(400-4FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	2C	00	2B	10	04	01	FF	01	FF	40	03	20	32	00	00	C1	//	40f	
	FF	03	FF	01	FF	01	FF	00	32	00	00	01	FF	03	FF	01	//	41f	
	FF	01	FF	00	32	00	00	40	00	03	FF	01	FF	01	FF	20	//	42f	
	32	00	00	00	00	03	FF	01	FF	01	FF	03	FF	01	FF	01	//	43f	
	FF	03	FF	01	FF	01	FF	00	32	00	00	40	00	03	FF	01	//	44f	
	FF	01	FF	30	32	00	00	03	00	03	FF	01	FF	01	FF	00	//	45f	
	32	01	FF	00	00	03	FF	01	FF	01	FF	00	32	00	00	40	//	46f	
	00	03	FF	01	FF	01	FF	21	83	03	F1	03	F1	01	83	03	//	47f	
	FF	03	F7	01	6A	00	F7	03	FF	03	FF	01	FF	01	FF	03	//	48f	
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	64	01	FF	41	//	49f	
	FF	00	14	01	FF	41	FF	02	26	01	FF	41	FF	00	28	01	//	4af	
	FF	41	FF	00	3C	01	FF	41	FF	00	50	01	FF	41	FF	00	//	4bf	
	11	01	FF	41	FF	03	FF	01	FF	01	FF	00	38	01	FF	41	//	4cf	
	FF	03	FF	01	FF	01	FF	20	38	01	FF	41	FF	00	11	01	//	4df	
	FF	41	FF	00	11	01	FF	41	FF	03	FF	01	FF	01	FF	A0	//	4ef	
	84	01	FF	81	FF	00	84	01	FF	C1	FF	00	95	01	FF	81	//	4ff	

NTSC NORMAL ; 5 PAGE DATA(500-5FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	00	95	01	FF	C1	FF	21	90	00	1D	01	FF	01	90	01	//	50f	
	FF	00	1C	01	90	00	1F	01	FF	01	90	01	FF	00	1E	00	//	51f	
	00	00	0A	00	0A	00	B0	03	FF	00	00	01	78	00	00	03	//	52f	
	FF	03	FF	01	FF	01	FF	60	64	01	FF	C1	FF	00	62	01	//	53f	
	FF	81	FF	00	6E	01	FF	C1	FF	00	6C	01	FF	81	FF	00	//	54f	
	00	01	FF	00	88	02	C7	22	00	97	21	00	25	00	47	01	//	55f	
	68	41	FF	C2	04	01	FF	01	FF	00	36	00	02	00	02	C2	//	56f	
	00	00	02	00	02	00	36	01	FF	01	FF	C2	04	00	02	00	//	57f	
	02	00	36	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f	
	0A	01	21	03	FF	00	00	02	6A	00	00	03	FF	03	FF	01	//	59f	
	FF	01	FF	FF	FF	FF	FF	FF	94	52	47	43	00	47	00	3E	2E	//	5af
	00	00	00	00	40	80	80	70	50	60	54	54	54	55	FF	FF	//	5bf	
	00	1D	00	18	00	16	00	0D	FF	FF	00	1D	00	0F	00	00	//	5cf	
	01	01	01	01	04	04	03	02	55	55	88	44	87	80	01	02	//	5df	
	01	02	16	17	17	18	00	12	2E	15	15	1A	59	5A	92	40	//	5ef	
	49	4C	49	4C	48	4C	48	4C	78	66	66	71	71	13	FF	FF	//	5ff	

NTSC NORMAL ; 6 PAGE DATA(600-6FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	00	00	00	5E	11	F0	01	F5	00	92	01	7F	00	A4	//	60f	
	01	B8	00	06	03	03	00	3D	3D	08	8E	60	02	84	4C	54	//	61f	
	04	2A	02	00	44	83	0D	00	12	04	02	F0	70	04	40	10	//	62f	
	04	40	04	07	15	2C	4D	70	B4	F8	F8	04	07	15	2C	4D	//	63f	
	70	B4	F8	F8	60	15	F2	00	FE	01	DE	DE	00	C1	00	00	//	64f	
	00	00	06	00	33	88	21	48	11	A5	A5	68	E0	00	73	1E	//	65f	
	EA	06	6A	20	BD	3F	5F	25	A8	4E	76	10	E5	03	00	FF	//	66f	
	C0	C0	00	38	04	03	00	00	00	00	00	10	D0	F4	00	//	67f		
	00	00	65	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f	
	1B	00	3B	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f	
	FF	07	02	5D	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af	
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf	
	00	00	00	00	2B	07	4D	FF	80	00	80	00	00	00	22	60	//	6cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff	

NTSC NORMAL ; 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	20	10	00	00	29	78	88	1B	88	C2	00	6A	33	1B	9F	50	//	70f
	21	16	05	2E	29	25	89	1C	80	B0	10	10	AA	24	48	14	//	71f
	00	17	18	2E	2D	00	1B	2D	B0	E1	16	05	2E	29	25	89	//	72f
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	81	1B	1B	24	C9	78	88	88	C2	03	29	00	50	A4	//	74f
	80	89	80	D4	AA	49	0C	0D	0D	B4	A4	05	89	84	D4	A9	//	75f
	49	0C	B4	95	49	2B	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	92	12	12	00	00	//	77f
	80	20	0A	3C	59	80	4A	0E	18	38	08	10	22	3B	FF	FB	//	78f
	B8	6E	59	80	15	AC	59	80	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	AB	44	00	//	7af
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	74	8E	00	56	01	6F	01	74	00	5A	02	03	FF	FF	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

NOTE: PAL HI8 ADDR.3CD-552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL) DATA

NOTE: PAL NORMAL ADDR.3CD-552 :CVF MODEL (CVF ONLY:HI8/NORMAL) DATA

PAL HI8 MODEL INITIAL DATA (000-7FF)

PAL HI8 ; 0 PAGE DATA(000-0FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	02	C6	67	A5	70	08	44	44	03	B0	75	3D	85	50	02	1C	//	f	
	30	01	23	01	78	D2	01	74	D0	05	70	0B	80	B0	98	98	//	1f	
	60	08	00	E5	80	38	A0	90	A0	48	48	80	80	38	48	38	//	2f	
	40	08	08	12	01	42	00	C8	01	48	00	01	01	60	01	3B	//	3f	
	64	42	C6	AC	95	3D	60	30	30	94	9C	1A	00	08	00	80	//	4f	
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	49	//	5f	
	80	00	19	7F	88	01	00	00	F9	1E	0B	1A	80	87	00	85	//	6f	
	00	83	50	7C	09	00	10	68	F6	12	04	12	04	20	2C	2C	//	7f	
	1B	29	0C	02	A0	0E	39	13	55	8C	87	92	7A	A7	50	01	//	8f	
	00	00	32	01	4E	B8	31	66	36	16	00	17	7E	30	3E	4C	//	9f	
	BB	96	A1	01	9C	01	B8	00	91	01	6C	81	21	87	07	0C	//	af	
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	E0	89	60	//	bf	
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf	
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df	
	1F	00	00	36	01	0F	00	88	09	3C	01	0D	EC	FA	D1	E8	//	ef	
	01	2F	01	78	00	FF	FF	41	01	F2	02	8E	03	B0	02	D0	//	ff	

PAL HI8 ; 1 PAGE DATA(100-1FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	00	20	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	00	02	01	02	03	00	00	00	00	00	//	11f
	01	08	00	00	01	02	00	06	03	8F	01	C7	32	00	32	02	02	//	12f
	31	02	31	17	23	00	A0	01	BC	01	C4	02	70	08	01	05	05	//	13f
	0A	13	06	07	01	00	03	C4	19	3C	51	74	00	01	00	95	05	//	14f
	00	06	02	00	00	17	32	29	44	3B	0E	4D	20	2A	05	16	16	//	15f
	10	21	1B	01	26	0C	19	3c	51	74	05	55	45	55	15	15	15	//	16f
	15	55	00	00	00	00	01	91	01	00	00	04	00	04	00	00	00	//	17f
	00	91	00	01	00	14	00	00	00	00	00	00	00	30	00	00	00	//	18f
	17	02	0E	08	14	0E	02	14	08	00	00	00	00	00	00	00	00	//	19f
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	77	07	//	1af
	00	85	00	32	00	00	00	00	00	00	00	00	00	00	00	00	00	//	1bf
	00	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	00	//	1cf
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	00	//	1df
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	00	//	1ef
	90	00	90	00	90	00	90	00	F0	00	30	00	6B	00	00	01	01	//	1ff

PAL HI8 ; 2 PAGE DATA(200-2FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	00	01	2E	00	06	//	21f
	01	1C	00	00	00	00	00	0C	00	02	60	0B	04	0F	01	0F	18	//	22f
	01	00	15	04	06	01	0B	12	00	13	3F	05	0F	00	08	37	//	23f	
	09	01	C4	00	12	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f	
	01	FF	01	FF	04	BB	00	FF	03	C1	07	23	01	BC	07	61	//	25f	
	00	FF	04	D0	01	D4	07	E8	05	AA	00	8D	03	90	03	45	//	26f	
	03	38	00	B9	01	F0	01	18	12	04	0A	01	FF	00	00	00	//	27f	
	01	48	00	D0	01	50	00	01	01	68	01	40	B2	02	1E	00	//	28f	
	01	00	00	00	6A	00	D2	00	60	00	88	00	00	00	00	00	//	29f	
	00	01	00	00	A8	00	04	3F	0B	00	00	00	01	00	00	96	//	2af	
	01	1A	00	68	00	F0	01	00	01	18	00	8C	FE	05	04	01	//	2bf	
	00	00	00	6B	00	08	0D	15	1A	1A	00	00	08	00	C4	01	//	2cf	
	1C	00	19	02	00	00	06	06	11	11	11	05	00	0C	01	2E	//	2df	
	00	00	21	23	00	1C	A8	3F	8A	10	A2	3B	03	12	04	02	//	2ef	
	00	C8	01	15	00	12	00	91	03	00	00	00	00	00	01	01	//	2ff	

PAL HI8 ; 3 PAGE DATA(300~3FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	//	30f	
	83	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	//	31f	
	00	FF	81	00	00	0C	00	04	FF	FF	F5	02	01	00	08	00	//	32f	
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	F8	//	33f	
	00	13	00	13	01	3F	00	00	03	03	FF	07	FF	00	00	00	//	34f	
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f	
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f	
	00	0B	01	3A	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f	
	44	88	88	99	99	08	00	03	80	01	B8	00	02	02	70	33	//	38f	
	00	5C	03	16	00	60	03	11	00	20	01	30	00	23	01	2D	//	39f	
	43	00	87	66	22	00	AD	43	00	81	25	00	D9	5C	00	60	//	3af	
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	47	//	3bf	
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	10	00	68	//	3cf	
	C0	00	00	00	3E	C0	01	15	26	00	00	2A	25	25	25	00	//	3df	
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	00	00	00	//	3ef	
	00	00	17	01	2F	00	12	00	14	00	8F	01	20	20	00	00	//	3ff	

NOTE: PAL HI8 ADDR.3CD~552 :NON-CVF MODEL (LCD/EVF:HI8/NORMAL)

PAL HI8 ; 4 PAGE DATA(400~4FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	03	00	03	80	01	01	FF	01	FF	C0	02	20	16	00	00	01	//	40f	
	FF	03	FF	01	FF	01	FF	00	16	01	FF	00	00	03	FF	01	//	41f	
	FF	01	FF	00	16	00	00	40	00	03	FF	01	FF	01	FF	A0	//	42f	
	36	01	FF	01	FF	00	36	00	02	00	02	00	36	01	FF	41	//	43f	
	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	//	44f	
	FF	01	FF	20	16	00	00	00	00	03	FF	01	FF	01	FF	03	//	45f	
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	00	16	00	00	40	//	46f	
	00	03	FF	01	FF	01	FF	20	10	01	FF	41	FF	03	FF	01	//	47f	
	FF	01	FF	00	44	01	FF	41	FF	03	FF	01	FF	01	FF	03	//	48f	
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	44	01	FF	41	//	49f	
	FF	03	FF	01	FF	01	FF	00	08	01	FF	41	FF	03	FF	01	//	4af	
	FF	01	FF	03	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	//	4bf	
	3A	00	00	00	00	03	FF	01	FF	01	FF	00	4E	00	00	00	//	4cf	
	00	03	FF	01	FF	01	FF	00	16	00	1C	00	1C	03	FF	01	//	4df	
	FF	01	FF	00	28	00	1C	00	1C	03	FF	01	FF	01	FF	20	//	4ef	
	25	01	FF	41	FF	01	68	01	FF	41	FF	00	08	01	FF	41	//	4ff	

PAL HI8 ; 5 PAGE DATA(500~5FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	03	FF	01	FF	01	FF	20	19	01	FF	41	FF	03	FF	01	//	50f	
	FF	01	FF	00	25	01	FF	41	FF	03	FF	01	FF	01	FF	00	//	51f	
	00	00	0A	00	0A	00	C0	03	FF	00	00	02	9D	00	00	03	//	52f	
	FF	03	FF	01	FF	01	FF	81	2C	01	FF	81	FF	01	2D	01	//	53f	
	FF	C1	FF	01	36	01	FF	81	FF	01	37	01	FF	C1	FF	01	//	54f	
	FF	01	FF	00	88	02	C7	22	00	AD	2B	00	2F	00	47	01	//	55f	
	68	41	FF	C2	04	01	FF	01	FF	00	72	00	02	00	02	C2	//	56f	
	00	00	02	00	02	00	72	01	FF	01	FF	C2	04	00	02	00	//	57f	
	02	00	72	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f	
	0A	01	40	03	FF	00	00	02	65	00	00	03	FF	03	FF	01	//	59f	
	FF	01	FF	FF	FF	FF	FF	94	52	47	38	00	42	00	3E	2E	//	5af	
	00	00	00	00	40	80	80	70	A9	5C	54	54	54	55	FF	FF	//	5bf	
	00	3A	00	1D	00	2C	00	11	FF	FF	00	3A	00	11	00	FF	//	5cf	
	FF	FF	FF	FF	FF	FF	FF	FF	55	55	88	44	81	80	01	02	//	5df	
	01	02	10	11	11	12	00	12	2E	15	15	1A	59	5A	92	40	//	5ef	
	49	4C	49	4C	48	4C	48	4C	78	66	66	71	71	13	FF	FF	//	5ff	

PAL HI8 ; 6 PAGE DATA(600~6FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	60	00	00	83	16	00	03	22	01	70	02	A6	00	A3	//	60f	
	02	B8	00	06	03	03	00	63	63	08	90	2C	03	04	84	8C	//	61f	
	04	2A	02	00	44	83	0D	00	1F	02	02	F0	70	04	40	10	//	62f	
	04	40	08	0D	1B	32	57	82	C0	F0	F0	08	0D	1B	32	57	//	63f	
	82	C0	F0	F0	C4	1E	16	01	94	02	DE	DE	00	C1	00	00	//	64f	
	00	00	06	00	33	88	21	48	11	A5	A5	68	E0	00	8B	24	//	65f	
	E8	02	81	26	B3	32	6F	2B	B3	5B	8D	10	DC	06	00	FF	//	66f	
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f	
	00	00	75	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f	
	17	00	42	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f	
	FF	00	03	8F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af	
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf	
	00	00	00	00	2B	07	4D	FF	80	00	80	00	00	00	22	60	//	6cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff	

PAL HI8 ; 7 PAGE DATA(700~7FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	78	10	00	00	29	78	88	1B	88	C2	00	6A	13	1B	9F	50	//	70f	
	79	1E	1B	2E	27	25	CA	1C	80	B0	10	10	A9	24	48	14	//	71f	
	00	1F	18	2E	2D	00	1B	2D	B0	F1	16	1B	2E	27	25	8A	//	72f	
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f	
	9D	B0	59	1B	1B	7C	E9	78	88	88	C2	03	29	00	50	A4	//	74f	
	80	CA	80	D4	A9	49	0C	0D	0D	B4	A4	05	8A	84	D4	99	//	75f	
	49	0C	B4	95	49	2A	00	50	69	1C	00	50	00	00	00	00	//	76f	
	04	34	34	34	34	10	10	60	1B	5B	5B	12	12	12	00	00	//	77f	
	86	24	0A	3C	64	9C	40	06	18	38	08	10	22	3B	FF	FB	//	78f	
	B8	6E	64	9C	15	AC	64	9C	8C	7F	D4	C8	F9	6A	A4	0F	//	79f	
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	8B	44	00	//	7af	
	7E	6C	72	0A	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf	
	74	8E	00	56	01	6F	01	6F	00	56	02	03	14	12	FF	FF	//	7cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

NOTE: PAL NORMAL ADDR.3CD~552 :NON-CVF MODEL (LCD/EFV:NORMAL/NORMAL) DATA

NOTE: PAL NORMAL ADDR.3CD~552 :CVF MODEL (CVF ONLY:NORMAL/NORMAL) DATA

PAL NORMAL MODEL INITIAL DATA (000~7FF)

PAL NORMAL ; 0 PAGE DATA(000~0FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
000	03	46	67	A5	70	08	44	44	03	B0	75	3D	85	50	02	1C	//	f	
	30	01	23	00	FA	2D	01	74	D0	05	70	0B	80	88	98	98	//	1f	
	60	05	00	E5	80	38	A0	90	A0	48	48	80	80	30	40	30	//	2f	
	40	0B	0B	12	01	42	00	C8	01	48	00	13	01	60	01	3B	//	3f	
	64	52	C6	AA	95	3E	69	30	30	94	9A	1A	00	08	00	80	//	4f	
	06	05	40	0C	48	37	04	48	20	FF	40	FF	C1	FF	FF	48	//	5f	
	80	00	19	7F	88	01	00	00	F9	1E	0B	1A	80	87	00	85	//	6f	
	00	83	50	7C	09	00	10	68	F6	12	04	12	04	20	2C	2C	//	7f	
	1B	29	0C	02	A0	0E	39	13	54	8B	87	92	FF	C1	50	01	//	8f	
	00	00	32	00	DD	B8	31	66	36	16	00	16	7E	30	3E	4C	//	9f	
	60	96	A2	01	82	01	CC	00	E5	01	6C	81	21	87	07	0C	//	af	
	0C	20	30	40	95	87	72	81	20	04	0E	02	34	C8	89	60	//	bf	
	4C	42	DF	84	83	FD	87	00	C2	02	00	28	00	FF	FF	FF	//	cf	
	FF	FF	FF	FF	FF	0B	FF	01	FF	FF	FF	FF	FF	FF	FF	A0	//	df	
	1F	00	00	36	01	11	00	88	09	3C	01	0D	EF	FB	CA	E9	//	ef	
	01	2B	01	78	7E	FF	FF	41	01	F2	02	8E	03	B0	02	D0	//	ff	

PAL NORMAL ; 1 PAGE DATA(100~1FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
100	00	04	00	00	00	20	00	00	10	00	00	40	6A	00	01	00	00	//	10f
	00	00	00	00	00	00	00	00	03	02	04	05	00	01	06	02	00	//	11f
	03	08	0E	00	01	0A	00	06	02	60	01	30	23	00	23	02	//	12f	
	1D	02	1D	0F	17	00	6A	01	28	01	2E	02	70	07	01	06	//	13f	
	09	11	06	07	01	00	00	F8	11	28	35	4D	00	01	00	01	//	14f	
	00	06	02	00	00	13	25	1F	31	2B	0D	37	19	17	04	0D	//	15f	
	0A	13	10	01	16	07	11	28	35	4D	05	55	45	55	15	15	//	16f	
	15	55	00	00	00	00	01	61	01	00	00	04	00	04	00	00	//	17f	
	00	61	00	01	00	13	00	00	00	00	00	00	30	00	00	00	//	18f	
	17	04	0D	0A	13	10	01	16	07	00	00	00	00	00	00	00	//	19f	
	00	00	00	00	00	00	30	30	00	80	34	00	00	30	01	76	//	1af	
	00	83	00	23	00	00	00	7B	00	50	00	00	00	00	00	00	//	1bf	
	02	00	00	01	50	01	B0	01	B0	01	50	00	F0	01	50	00	//	1cf	
	F0	01	50	01	50	00	F0	01	50	00	F0	00	F0	00	90	00	//	1df	
	90	00	F0	00	90	01	50	01	50	00	90	00	30	00	F0	00	//	1ef	
	90	00	90	00	90	00	90	00	F0	00	30	00	48	00	00	01	//	1ff	

PAL NORMAL ; 2 PAGE DATA(200~2FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
200	00	00	00	00	00	00	70	00	00	00	00	00	00	00	00	00	00	//	20f
	00	00	00	00	00	00	00	00	00	00	00	00	00	01	1F	00	06	//	21f
	01	1C	00	00	00	00	0C	00	02	60	01	04	0F	01	0F	18	//	22f	
	01	00	15	04	06	01	0B	12	00	13	3F	05	0F	00	08	32	//	23f	
	09	01	C0	00	10	00	00	00	1F	00	02	00	01	FF	01	FF	//	24f	
	01	FF	01	FF	04	DB	00	FF	02	A3	03	3B	01	E4	07	D0	//	25f	
	00	FF	04	C5	01	D4	07	E7	05	AA	00	8D	03	8C	03	2C	//	26f	
	03	40	00	C5	01	AE	01	1F	12	04	0A	01	FF	00	00	00	//	27f	
	01	2A	00	E2	01	20	00	24	01	60	01	2D	B2	02	1D	00	//	28f	
	01	00	00	00	69	00	2D	00	60	00	88	00	00	00	00	00	//	29f	
	00	01	00	00	A8	00	04	35	02	00	00	00	01	00	00	60	//	2af	
	00	B8	00	68	00	F0	01	00	01	18	00	8C	FE	05	04	01	//	2bf	
	00	00	00	69	00	05	09	0E	11	11	00	00	08	00	85	01	//	2cf	
	1C	00	17	02	00	00	06	06	11	11	11	05	00	0C	01	2E	//	2df	
	00	00	21	23	00	1A	A6	3C	8F	10	A2	38	03	12	04	02	//	2ef	
	00	A0	00	0E	00	12	00	91	02	00	00	00	00	00	01	01	//	2ff	

PAL NORMAL ; 3 PAGE DATA(300~3FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
300	02	00	00	00	00	08	00	00	00	08	10	00	00	08	00	00	00	//	30f
	00	00	00	00	00	00	84	FF	02	00	00	A0	00	00	00	00	00	//	31f
	00	FF	7F	00	00	0C	00	08	FF	FF	01	02	01	00	08	56	//	32f	
	00	00	00	00	00	01	03	FF	03	00	00	00	00	01	02	F8	//	33f	
	00	13	00	13	01	3F	00	00	03	03	FF	07	FF	00	00	00	//	34f	
	FF	00	FF	00	00	00	00	FF	00	FF	00	00	00	88	04	7D	//	35f	
	08	64	0A	49	02	C7	06	AC	09	A3	0C	88	00	88	0C	88	//	36f	
	00	0B	01	3A	00	88	30	00	00	01	03	00	00	00	00	6D	//	37f	
	44	88	88	99	99	08	02	03	80	01	B8	00	02	02	70	33	//	38f	
	00	65	03	16	00	6A	03	11	00	1E	01	30	00	23	01	2D	//	39f	
	43	00	87	66	22	00	AD	43	00	81	25	00	E8	5C	00	60	//	3af	
	00	00	00	00	00	00	0F	21	08	00	08	88	08	88	00	47	//	3bf	
	01	11	0C	CC	04	00	59	00	5A	00	92	00	40	00	00	60	//	3cf	
	00	00	00	00	3E	41	00	11	22	00	00	25	25	25	25	00	//	3df	
	40	1A	1B	00	40	85	85	85	00	00	00	01	FF	02	00	00	//	3ef	
	00	00	14	01	2F	00	12	00	0E	00	92	01	30	20	00	00	//	3ff	

NOTE: PAL NORMAL ADDR.3CD-552 :NON-CVF MODEL (LCD/EVF:NORMAL/NORMAL)

PAL NORMAL ; 4 PAGE DATA(400~4FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
400	32	00	31	10	04	01	FF	04	FF	40	03	28	32	00	00	C1	//	40f	
	FF	03	FF	01	FF	01	FF	00	32	00	00	01	FF	03	FF	01	//	41f	
	FF	01	FF	00	32	00	00	40	00	03	FF	01	FF	01	FF	20	//	42f	
	32	00	00	00	00	03	FF	01	FF	01	FF	03	FF	01	FF	01	//	43f	
	FF	03	FF	01	FF	01	FF	00	32	00	00	40	00	03	FF	01	//	44f	
	FF	01	FF	30	32	00	00	03	00	03	FF	01	FF	01	FF	00	//	45f	
	32	01	FF	00	00	03	FF	01	FF	01	FF	00	32	00	00	40	//	46f	
	00	03	FF	01	FF	01	FF	21	83	03	F1	03	F1	01	83	03	//	47f	
	FF	03	F7	01	6A	00	F7	03	FF	03	FF	01	FF	01	FF	03	//	48f	
	FF	01	FF	01	FF	03	FF	01	FF	01	FF	20	64	01	FF	41	//	49f	
	FF	00	14	01	FF	41	FF	02	26	01	FF	41	FF	00	28	01	//	4af	
	FF	41	FF	00	3C	01	FF	41	FF	00	50	01	FF	41	FF	00	//	4bf	
	11	01	FF	41	FF	03	FF	01	FF	01	FF	00	38	01	FF	41	//	4cf	
	FF	03	FF	01	FF	01	FF	20	38	01	FF	41	FF	00	11	01	//	4df	
	FF	41	FF	00	11	01	FF	41	FF	03	FF	01	FF	01	FF	A0	//	4ef	
	84	01	FF	81	FF	00	84	01	FF	C1	FF	00	8F	01	FF	81	//	4ff	

PAL NORMAL ; 5 PAGE DATA(500~5FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
500	FF	00	8F	01	FF	C1	FF	21	90	00	24	01	FF	01	90	01	//	50f	
	FF	00	24	01	90	00	26	01	FF	01	90	01	FF	00	26	00	//	51f	
	00	00	0A	00	0A	00	80	03	FF	00	01	02	A0	00	00	03	//	52f	
	FF	03	FF	01	FF	01	FF	60	64	01	FF	C1	FF	00	62	01	//	53f	
	FF	81	FF	00	6E	01	FF	C1	FF	00	6C	01	FF	81	FF	00	//	54f	
	00	01	FF	00	88	03	B7	22	00	AD	2B	00	2F	00	47	01	//	55f	
	68	41	FF	C2	04	01	FF	01	FF	00	56	00	02	00	02	C2	//	56f	
	00	00	02	00	02	00	56	01	FF	01	FF	C2	04	00	02	00	//	57f	
	02	00	56	01	FF	01	FF	30	00	80	02	00	00	00	0A	00	//	58f	
	0A	00	FF	03	FF	00	01	02	6C	00	00	03	FF	03	FF	01	//	59f	
	FF	01	FF	FF	FF	FF	FF	94	52	47	43	00	47	00	3E	2E	//	5af	
	00	00	00	00	40	80	80	70	50	60	54	54	54	55	FF	FF	//	5bf	
	00	1D	00	1D	00	16	00	17	FF	FF	00	1D	00	15	00	FF	//	5cf	
	FF	FF	FF	FF	FF	FF	FF	FF	55	55	88	44	81	80	01	02	//	5df	
	01	02	10	11	11	12	00	12	2E	15	15	1A	59	5A	92	40	//	5ef	
	49	4C	49	4C	48	4C	48	4C	78	66	66	71	71	13	FF	FF	//	5ff	

PAL NORMAL ; 6 PAGE DATA(600~6FF)

	//	0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
600	48	8C	40	00	00	5E	14	00	02	22	01	8D	01	A4	00	A3	//	60f	
	02	B9	00	06	03	03	00	3D	3D	08	8E	2C	02	04	52	5A	//	61f	
	04	2A	02	00	44	83	0D	00	1F	00	02	F0	70	04	40	10	//	62f	
	04	40	08	0D	1B	32	57	82	C0	F0	F0	08	0D	1B	32	57	//	63f	
	82	C0	F0	F0	60	1E	16	01	D0	01	DE	DE	00	C1	00	00	//	64f	
	00	00	FA	00	33	88	21	48	11	A5	A5	68	E0	00	8B	24	//	65f	
	E7	01	81	26	B2	31	6F	2B	A6	4E	8D	10	DC	06	00	FF	//	66f	
	C0	C0	00	38	04	03	00	00	00	00	00	00	10	D0	F4	00	//	67f	
	00	00	75	50	01	00	00	00	00	00	00	00	00	00	00	00	//	68f	
	17	00	42	07	FC	03	C3	00	00	00	01	00	0F	14	7F	03	//	69f	
	FF	04	02	5F	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6af	
	00	00	00	00	00	00	00	00	00	11	11	0B	00	00	00	12	//	6bf	
	00	00	00	00	2B	07	4D	FF	80	00	80	00	00	00	22	60	//	6cf	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6df	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ef	
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	6ff	

PAL NORMAL ; 7 PAGE DATA(700~7FF)

	// 0	1	2	3	4	5	6	7	8	9	a	b	c	d	e	f		
700	78	10	00	00	29	78	88	1B	88	C2	00	6A	13	1B	9F	50	//	70f
	79	1E	1B	2E	27	25	CA	1C	80	B0	10	10	A9	24	48	14	//	71f
	00	1F	18	2E	2D	00	1B	2D	B0	F1	16	1B	2E	29	25	8A	//	72f
	13	80	B0	10	10	99	1B	48	14	00	17	18	2E	9D	00	1B	//	73f
	9D	B0	59	1B	1B	7C	E9	78	88	88	C2	03	29	00	50	A4	//	74f
	80	CA	80	D4	A9	49	0C	0D	0D	B4	A4	05	8A	84	D4	99	//	75f
	49	0C	B4	95	49	2A	00	50	69	1C	00	50	00	00	00	00	//	76f
	04	34	34	34	34	10	10	60	1B	5B	5B	12	12	12	00	00	//	77f
	86	24	0A	3C	64	9C	40	06	18	38	08	10	22	3B	FF	FB	//	78f
	B8	6E	64	9C	15	AC	64	9C	8C	7F	D4	C8	F9	6A	A4	0F	//	79f
	2C	74	72	0A	CA	88	01	96	60	F8	00	05	B5	8B	44	00	//	7af
	6C	6C	72	0C	00	C8	00	00	00	00	00	00	00	00	00	00	//	7bf
	74	8E	00	56	01	6F	01	6F	00	56	02	03	14	12	FF	FF	//	7cf
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	//	7df
	FF	FF	FF	FF	FF	FF	FF	FF	FF	FF	88	80	80	80	00	00	//	7ef
	00	00	00	00	00	FF	FF	FF	FF	FF	FF	FF	FF	01	14	FF	//	7ff

1-2-2 Camera System Adjustment

Note : The on-screen display information.

“XX XX” means arbitrary value.

It can be different number depend on the conditions.

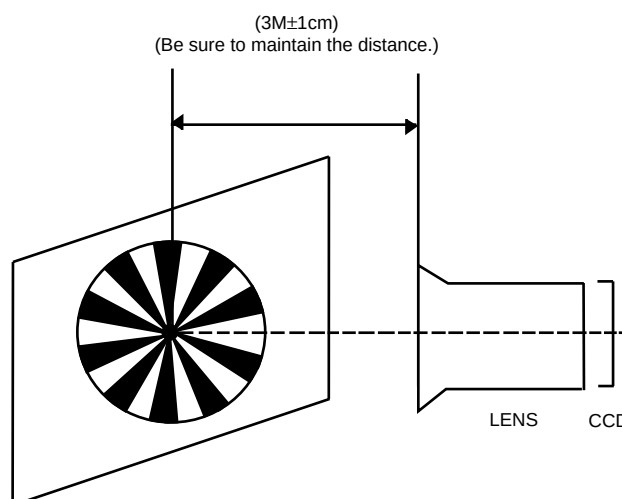
0DE	XX	XX
-----	----	----

1. Focus to zoom tracking

Notes : To maintain proper focus throughout the zoom range, the focus lens position must be changed as the zoom lens is moved.

During this adjustment the microprocessor will measure the focus positioning requirements at the wide and telephoto position of the zoom lens.

- 1) Camera “E-E”.
- 2) Focus chart (Attached on the last page of this manual).
- 3) Aim the camera at the focus chart placed 3 meters away and perpendicular to the center of the lens.
The chart should be placed on the flat, gray or white wall.
- 4) Connect monitor TV jack to video output jack.
- 5) Press the “BLC(MODE UP)” and “FADE(MODE DOWN)” button, so that the OSD start is “0DE. 3M LENS XX XX”.
- 6) Press “ENTER(CONFIRM)” button.
The camera will move both zoom and focus lens.
The adjustment is finished when the O.K! message appears on the TV screen.
Store the data to mode 099, 09A, 0AA, 0AB, 0AD, 0C9, 0CA, 0CB and 0CC.



2. Zoom VR Center

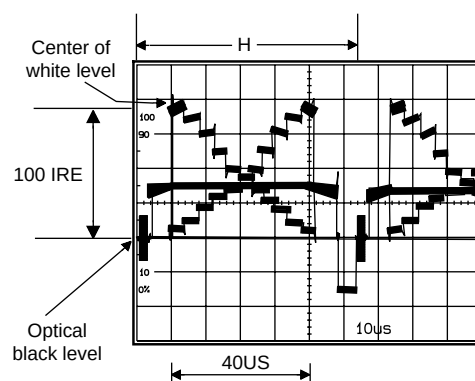
- 1) Camera "E-E", 3100°K gray-scale chart.
- 2) Video(output) jack and EVR.
- 3) Connect monitor TV to video(output) jack.
- 4) Press the "BLC (MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OD6. XX XX".
- 5) Press "ENTER(CONFIRM)" button.
- 6) Then, the microprocessor will work ;
 - Find the Zoom VR Center position
 - Store the data to mode 0B7.

3. Auto hall

- 1) Camera "E-E", 3100°K gray-scale chart.
- 2) Video(output) jack and EVR.
- 3) Connect monitor TV to video(output) jack.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCD. XX XX".
- 5) Press "ENTER(CONFIRM)" button.
- 6) Then, the microprocessor will work ;
 - IRIS open, HALL maximum value found,
 - IRIS closed, HALL minimum value found,
 - IRIS open, HALL maximum value found,
 - Store the data to mode 00A and mode 00B.
 - Store the HALL min./max. data to mode 0C1 and mode 0C2.

4. AUTO IRIS

- 1) Camera "E-E", 3100°K gray-scale chart.
- 2) Video(output) jack and AF MICOM.
- 3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCE. XX XX".
- 5) Press "ENTER(CONFIRM)" Button.
- 6) Then, the micro process will work;
 - IRIS open, IRIS control minimum Value found.
 - IRIS close, IRIS control minimum Value found.
 - Store the data to mode 0B5, 0B6, 0C7 and 0C8.
- 7) The OSD shows "O.K".

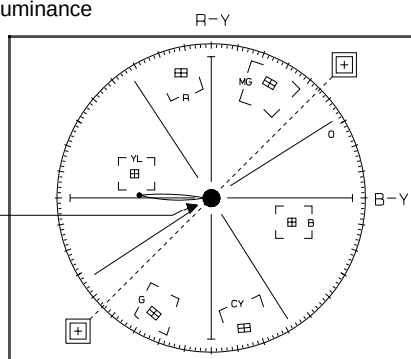


5. Auto white balance

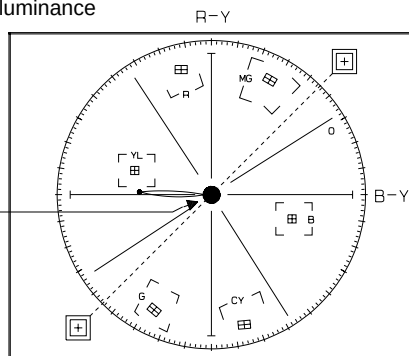
- 1) Camera "E-E", 3100°K / 5100°K gray-scale chart.
 - 2) Video(output) jack and AF MICOM.
 - 4) Connect vectorscope input jack to video(output) jack.
 - 3) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "OCF. XX XX".
- a. W/B Indoor
 - a-1. Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx. (40us)
 - a-2. Press "ENTER(CONFIRM)" button so that the white vector moves to the center on screen of the vectorscope.
 - a-3. Store the data to mode 0A6, 0A7, 0A8, 0A9
 - a-4. The OSD shows "OK!".
 - b. W/B Outdoor
 - b-1. Aim the camera at a 5100°K gray-scale (3100°K+CCB12) chart illuminated at 1500 to 2000 lx. (40us)

- b-2. Press “ENTER(CONFIRM)” button so that the white vector moves to the center on screen of the vectorscope.
- b-3. Store the data to mode 0A2, 0A3, 0A4 and 0A5.
- b-4. The OSD shows “OK!”.

Match the white luminance point with the black luminance point



Match the white luminance point with the black luminance point



6. Pre white balance (I) ; (R-Y)

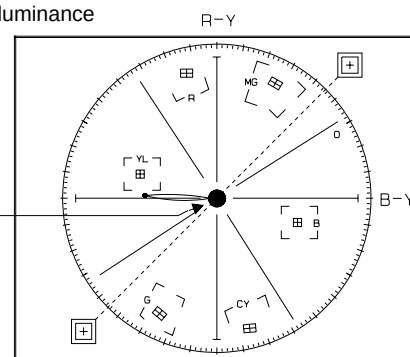
- 1) Camera “E-E”, 3100°K gray-scale chart.
 - 2) Video(output) jack and AF MICOM.
 - 3) Connect vectorscope input jack to video(output) jack.
 - 4) Press the “BLC(MODE UP)/FADE(MODE DOWN)” button so that pass through 272, 273, 274, 275 and then the OSD state is “272. XX XX(High)””273. XX XX(Low)”.
 - 5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
 - 6) Adjust the “P.AE(DATA UP)/DSE(DATA DOWN)” button so that the white vector moves to the R-Y axial on screen of the vectorscope.
- Note :** Bright dot shifts after the confirm button is pressed.

7. Pre white balance (II) ; (B-Y)

- 1) Camera “E-E”, 3100°K gray-scale chart.
- 2) Video(output) jack and AF MICOM.
- 4) Connect vectorscope input jack to video(output) jack.
- 3) Press the “BLC (MODE UP)/FADE(MODE DOWN)” button so that the OSD state is “274. XX XX(High)””275. XX XX(Low)”.
- 5) Aim the camera at a 3100°K gray-scale chart illuminated at 1500 to 2000 lx.
- 6) Adjust the “P.AE(DATA UP) /DSE(DATA DOWN)” button so that the white vector moves to the B-Y axial on screen of the vectorscope.

Note : Bright dot shifts after the confirm button is pressed.

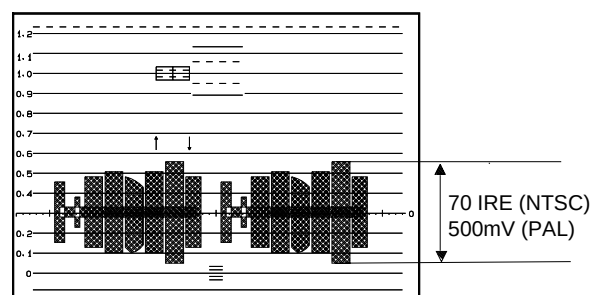
Match the white luminance point with the black luminance point



8. R-Y Gain

- 1) Camera “E-E”, 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
- 4) Press the “BLC(MODE UP)/FADE(MODE DOWN)” button so that the OSD state is “280. XX XX(High)””281. XX XX(Low)”.
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the “P.AE(DATA UP)/DSE(DATA DOWN)” button so that the red level is NTSC : 70IRE, PAL : 500mV
- 7) Be sure to press the “ENTER(CONFIRM)” button to memorize setting.

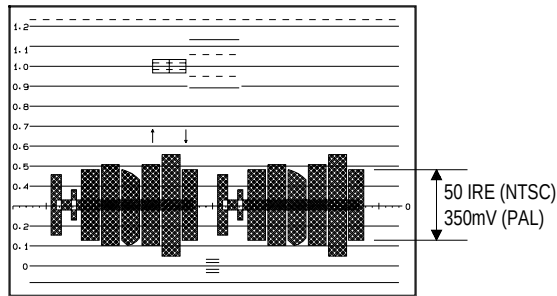
Note : Bright dot shifts after the confirm button is pressed. (outdoor : 034, 035)



9. B-Y Gain

- 1) Camera "E-E", 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to waveform monitor input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "283. XX XX(High)" "284. XX XX(Low)".
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that the blue level is NTSC : 50IRE, PAL : 350mV
- 7) Be sure to press the "ENTER(CONFIRM)" button to memorize setting.

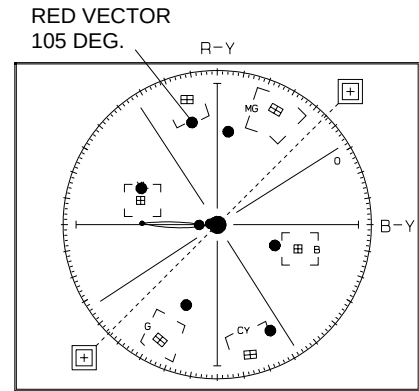
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 036, 037)



10. R-Mg Hue

- 1) Camera "E-E", 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "284. XX XX(High)" "285. XX XX(Low)".
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that the Red vector is 105.
- 7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

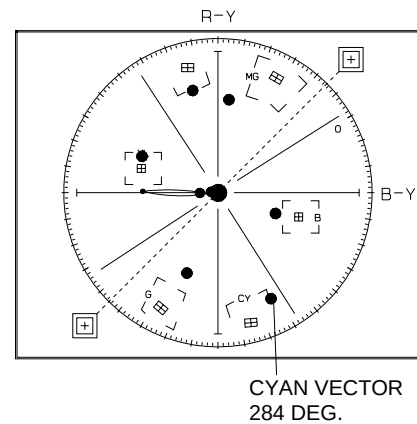
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 038, 039)



11. G-Cy Hue

- 1) Camera "E-E", 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "286. XX XX(High)" "287. XX XX(Low)".
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the "P.AE(DATA UP)/DSE(DATA DOWN)" button so that the Cyan vector is 284.
- 7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

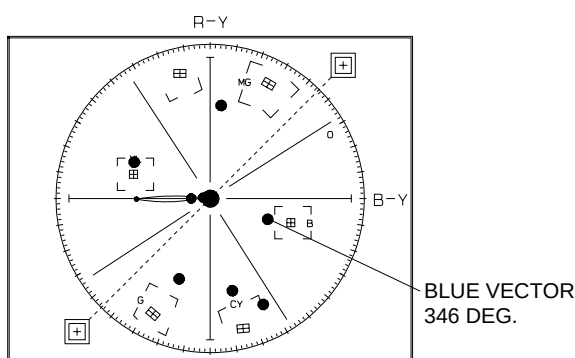
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03A, 03B)



12. B-Cy-Mg Hue

- 1) Camera "E-E", 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "288. XX XX(High)" "289. XX XX(Low)".
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the "P.AE (DATA UP)/ DSE(DATA DOWN)" button so that the Blue vector is 346.
- 7) Be sure to press the "ENTER (CONFIRM)" button to memorize setting.

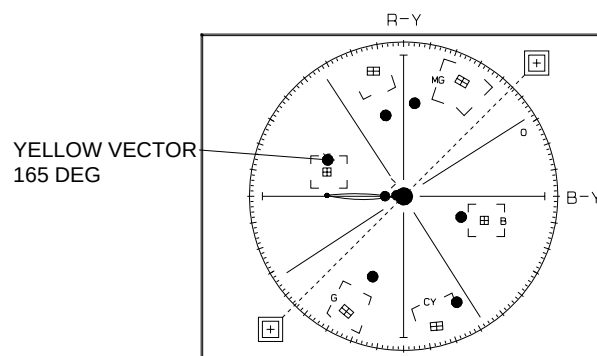
Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03C, 03D)



13. Ye-G Hue

- 1) Camera "E-E", 3100°K color bar chart.
- 2) Video(output) jack and register of EEPROM.
- 3) Connect video(output) jack to vectorscope input jack and monitor TV jack respectively.
- 4) Press the "BLC(MODE UP)/FADE(MODE DOWN)" button so that the OSD state is "28A.XX XX(High)" "28B.XX XX(Low)".
- 5) Aim the camera at a color bar chart illuminated at 1500 to 2000 lx.
- 6) Adjust the "P.AE(DATA UP) / DSE(DATA DOWN)" button so that the Yellow vector is 165.
- 7) Be sure to press the "ENTER(CONFIRM)" button to memorize setting.

Note : Bright dot shifts after the confirm button is pressed.
(outdoor : 03E, 03F)



Note : Outdoor(5100°K) color Gain & Hue adjust.
 - 5100°K color bar (or 3100°K color bar with CCB12 Filter)
 - Restart step 7. prewhite balance(I) ~ step 14. Ye-G Hue.
 - The outdoor(5100°K) mode in 034~03F.

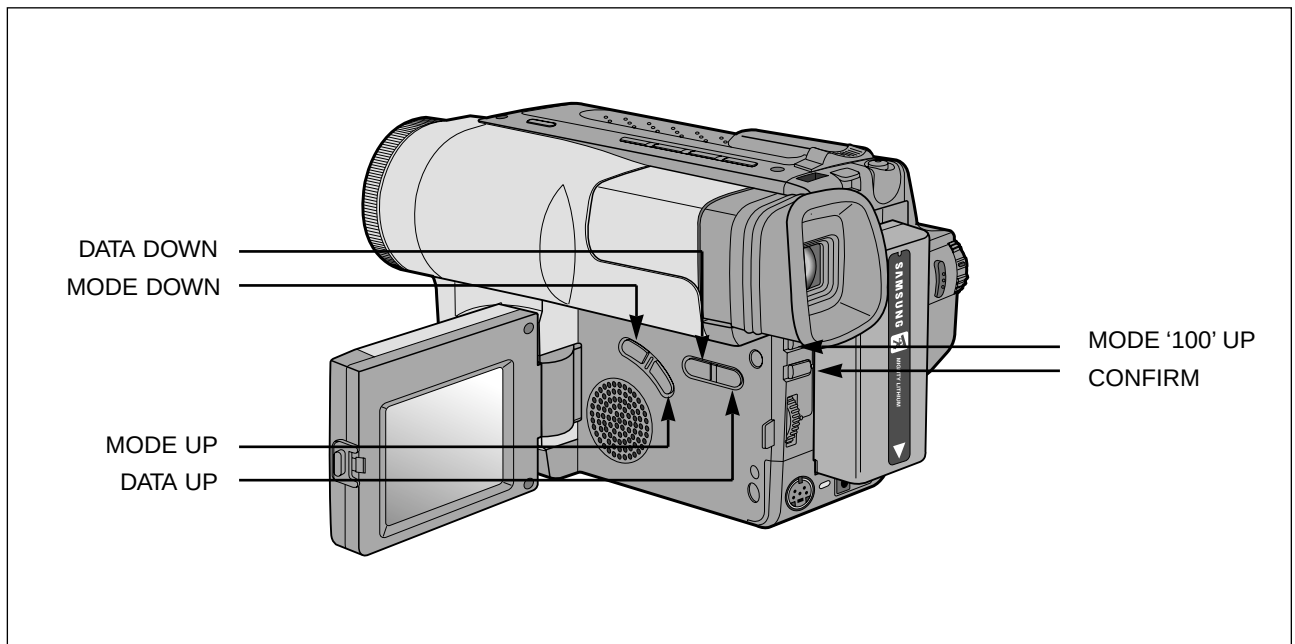
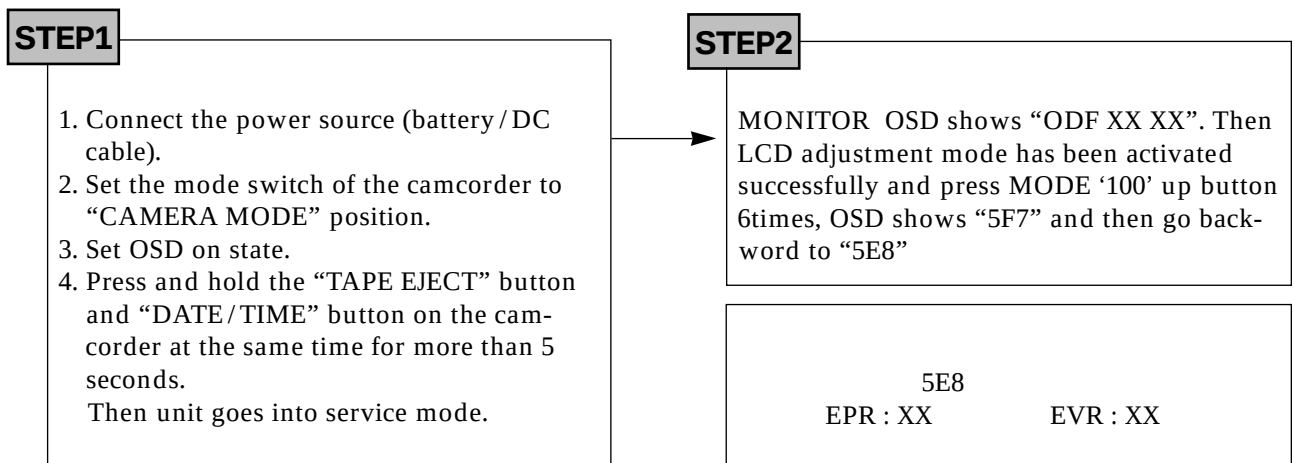
1-2-3 LCD Adjustment (NTSC)

Notes :

1. After each adjustment step is completed, OSD shows “OK”.
2. EEPROM stores confirmed adjustment value of each adjustment step.
3. After finishing the adjustment, reset the main power source to memorize the adjustment data in EEPROM.
4. Camcorder set is used as a LCD adjust tool.

1-2-3 (a) PREPARATION

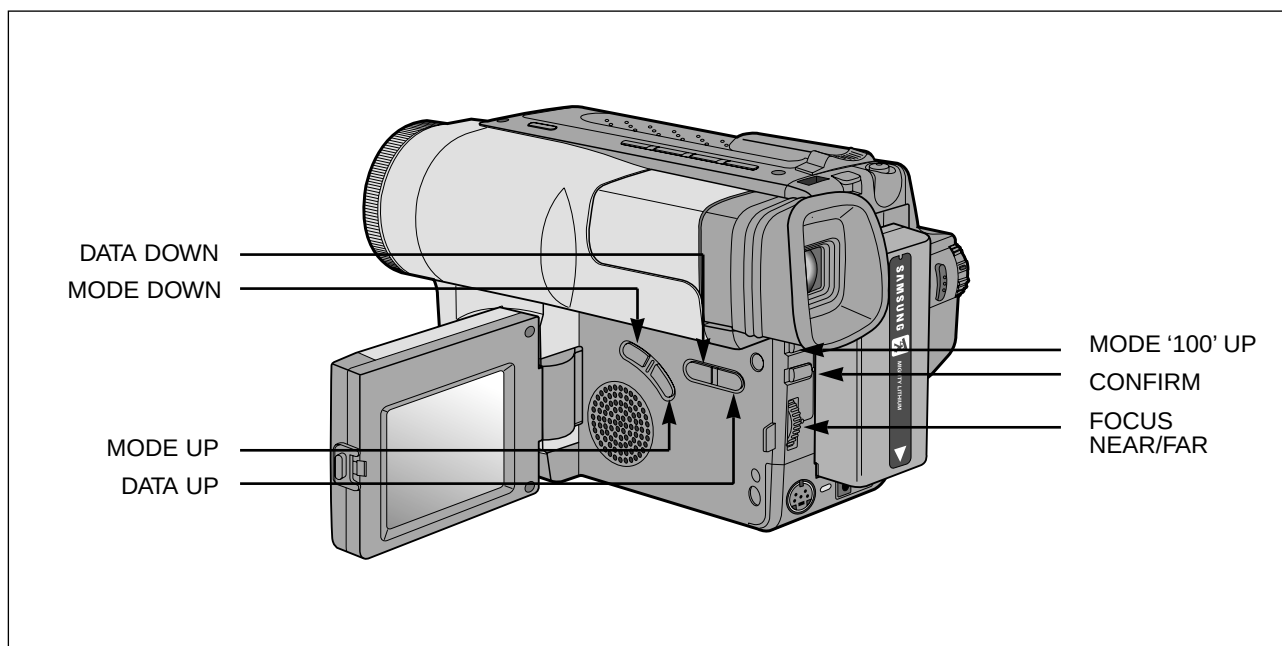
1. How to get into the LCD adjustment mode.



Note : When XX XX is shown in service adjustment procedures, this indicates variable values.

2. The following chart shows the function of each button. In service adjustment mode, button names are different from those in customer camera function control mode. EX)DISPLAY button is the same as confirm.

Button	Function
BLC	When change the adjustment mode.
FADE	When change the adjustment mode.
P.AE DSE	When change data value of adjust state.
ENTER	Data store after finishing adjustment by "DATA UP/DATA DOWN" button



The following table shows the data of each address that you must adjust.

ADDRESS	DATA	MEAN	REMARK	ADJUSTMENT RANGE
5E8	2E	CONTRAST	DEFAULT	00~35
5E9	15	BRIGHT R	DEFAULT	00~35
5EA	15	BRIGHT G	DEFAULT	00~35
5EB	1A	BRIGHT B	DEFAULT	00~35

1-2-3 (b) ADJUSTMENT

Please, aim at colorbar chart or colorful object.

1. Contrast

- 1) Adjust ADDRESS that a data of 5E8 is equal to 2E(default). If you want, you can adjust other data in range "00~35"
- 2) Adjust ADDRESS that a data of 5E9 is equal to 15(default). If you want, you can adjust other data in range "00~35" (Adjustment of 5EA, 5EB is in the same way.)
- 3) Adjust ADDRESS that a data of 5EA is equal to 15(default).
- 4) Adjust ADDRESS that a data of 5EB is equal to 1A(default).

1-2-6 EVF Adjustment

1-2-4 (a) PREPARATION

1. How to get into the EVF adjust mode.

STEP1

1. Connect the power source (battery / DC cable).
2. Set the mode switch of the camcorder to "CAMERA" position.
3. Disassemble EVF and use oscilloscope to measure waveform of TP-V.

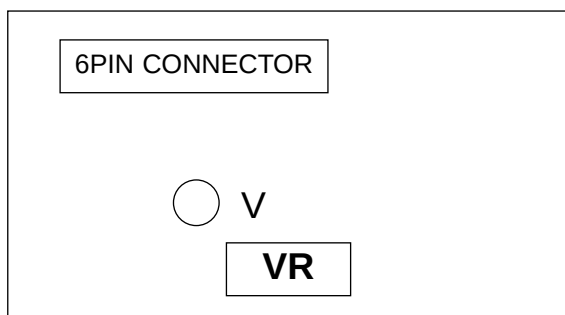
STEP2

View color bar. (If you have not color bar, you can view white picture)

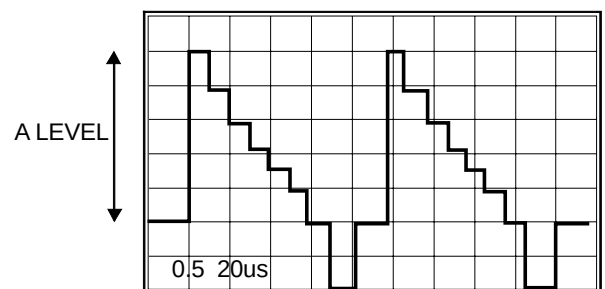
(b) ADJUSTMENT

1. Video gain adjustment

- 1) Connect TP-V on PCB to PROBE.
- 2) Adjust VRE02 and check that A level is 2.5Vp-p. if not, adjust A level to be 2.5Vp-p.



<Position of TP-V on EVF PCB>



<TP-V Wave form>

Notes : When XX XX is shown in service adjustment procedures, this indicates variable values.

1-3 VCR Section Adjustment

1-3-1 Preparations

1. Equipment :

- 1) Monitor TV.
- 2) Dual trace oscilloscope of over 20MHz band, incorporates delay mode.
(Use 10 : 1 probe unless otherwise specified.)
- 3) Frequency counter
- 4) DC power supply.
- 5) Alignment tape (Colour bar : SP)
- 6) 8mm Video Tape for record.

2. Composition of VCR P.C.Boards

- 1) Main PCB (system control/servo, video, audio, camera)
- 2) Rear PCB
- 3) Battery-Terminal PCB
- 4) Front PCB

3. How to get into service “**ADJUST**” mode.

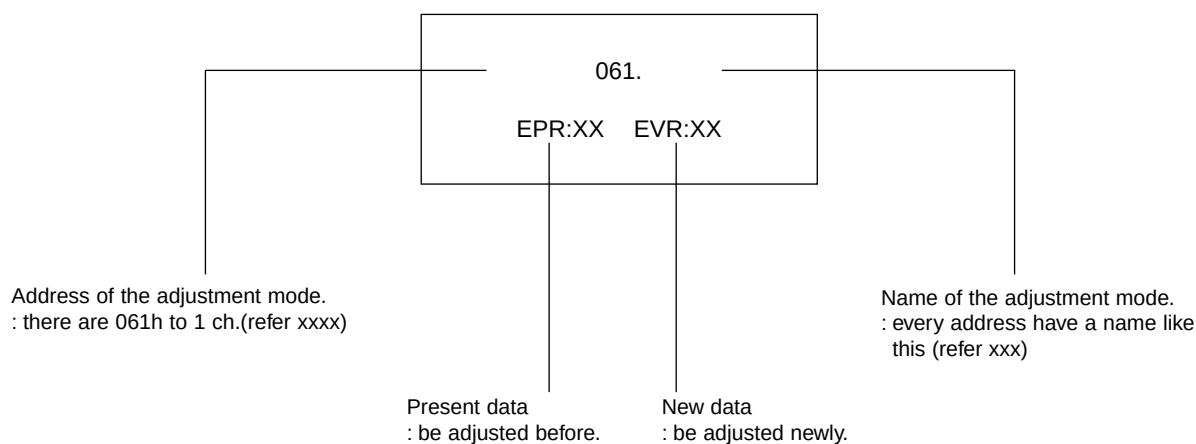
STEP 1

1. Connect the power source (battery/DC cable).
2. Set the program selector of the camcorder to PLAYER position.
3. Press the eject key to eject mode.

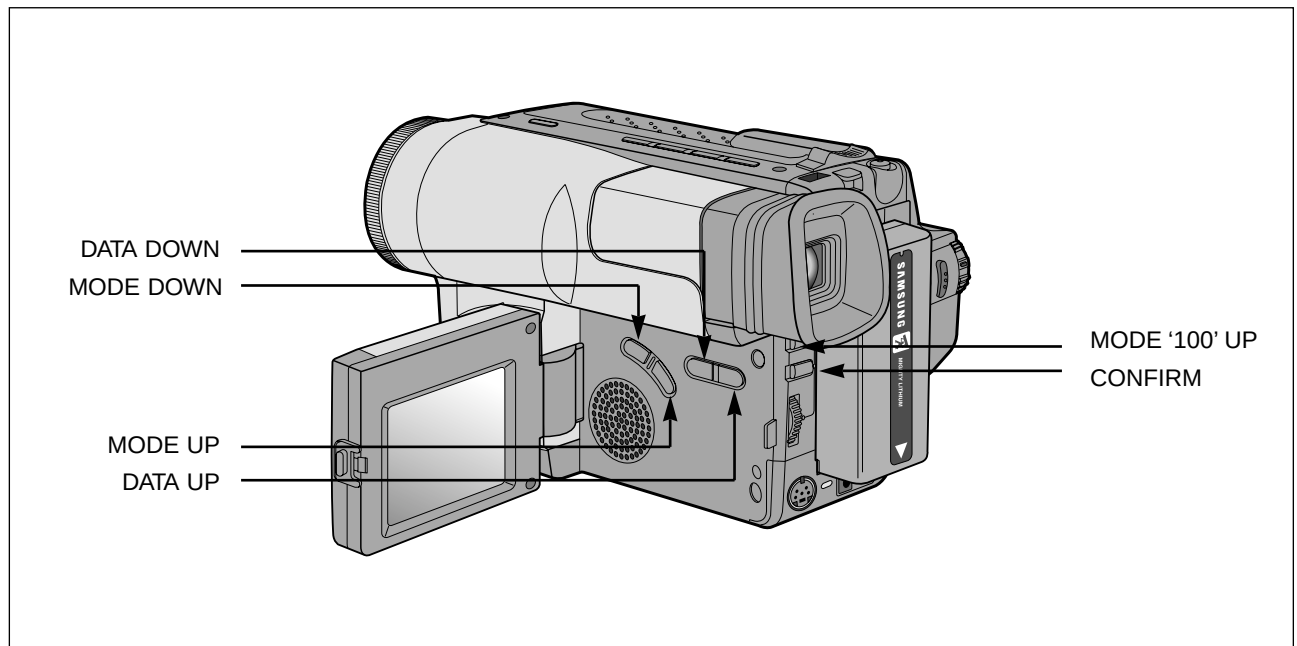
STEP 2

1. Press and hold “STOP” and “EJECT” button on the Camcorder at the same time for more than 5 seconds.
2. If the adjustment mode displayed like the figure below, VCR adjustment mode has been successfully activated.
3. Insert tape into housing ass'y and then perform the adjustments.

TV or EVF/CVF monitor



4. The location of function button.

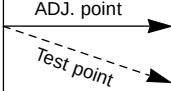


Note : In service adjustment mode, button names are different from those in customer function control mode.
EX) “ENTER” button is the same as “CONFIRM”.

5. If you want to finish the adjustment mode, you have to do “Battery Reset”.
The “Battery Reset” means that you pull out the power source and pull in it again.
Then, the adjustment is ended and the camcorder works normally.

1-3-2 VCR Section

Note 1 : From this point forward, the structure of every adjustment is as follows.

Step	Adjustment Item
1. Mode and input signal / alignment tape	ADJ. point Test point 
2. Test point and ADJ. part	
3. Result and Remarks	

Note 2 : How to connect video out signal.

-Connect the video cable to ass'y A/V Jack.

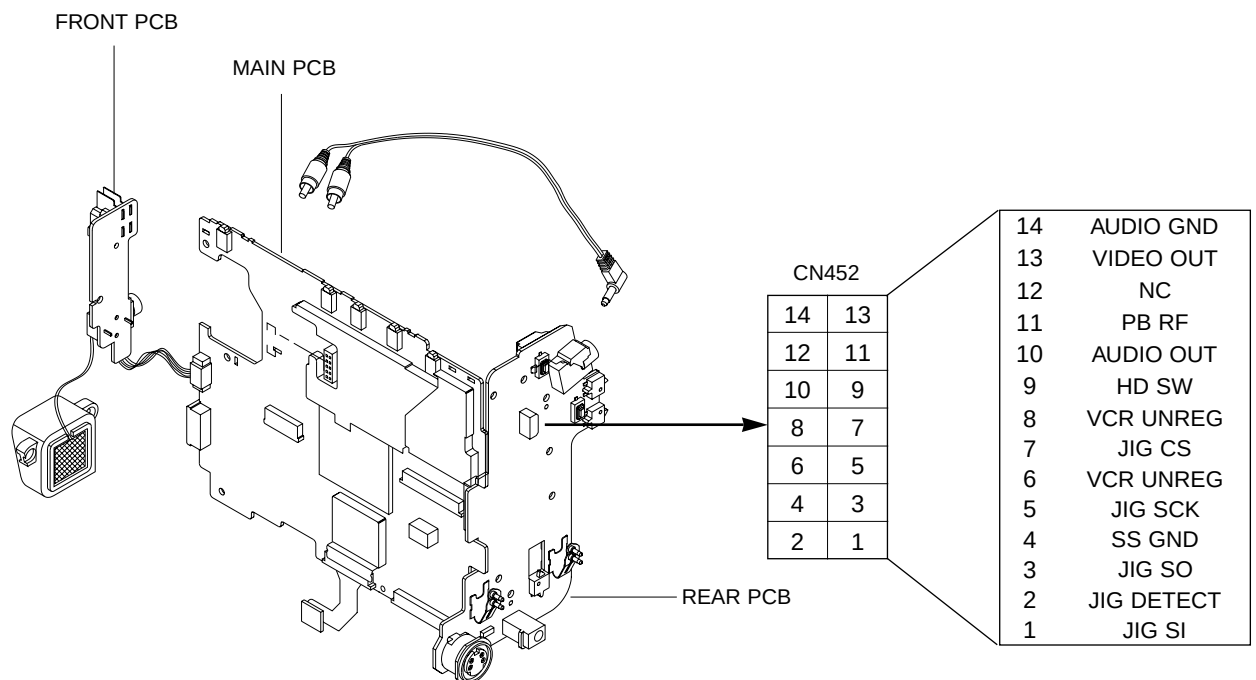


Fig. 1 Video Signal Connection

1-3-3 Adjustment

1. Kinds of adjustment in PLAY mode.

ADDRESS	NAME	NORMAL MODEL		HI 8 MODEL	
		NTSC	PAL	NTSC	PAL
061	HD SWP	Adjustment			
062	32. 768 KHZ CLOCK	1C			
063	MODEL CODE	Model code setting			
064	D.ZOOM SIZE	88, 99 (for the VP-L850D)			
065	TBC DEFAULT	05	01	05	01

2. Adjustment

* Please keep the order according to explanation.

2-1. Setting of the model code0

a. Preparation

TAPE	NONE
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	063
NAME	MODEL CODE0

- b. Connect a power source.
- c. Get into the VCR adjustment mode.
- d. Press the “BLC(MODE UP)” or “FADE(MODE DOWN)” button of Camcorder so as to select the address 063.
- e. Press the “DSE(DATA DOWN)/P.AE(DATA UP)” so that OSD shows“ ”ERR:XX EVR: XX” “XX” is different dependent on the model as below.

	MODEL NAME	ADDRESSED CODE
NTSC	SCL810	74
	SCL860	7F
	SCL870	7F
PAL	VP-L800U	60
	VP-L800	64
	VP-L850	7F
	VP-L850D	7F
	VP-L870	7F

- f. Be sure to press the “ENTER(CONFIRM)” button on Camcorder to memorize setting.
- g. Reset the power source so as to fix the new data to the Camcorder’s EEPROM.

2-2. Head Switching Point

: This adjustment is performed after the replacement of deck mechanism.

- Without this adjustment, there will be a noise in playback picture.

a. Preparations

TAPE	STANDARD COLOR BAR TAPE RECORDED WITH SP SPEED
	*NTSC
EQUIPMENT	POWER SOURCE
OTHER	NONE
TEST POINT	NONE
ADDRESS	061
NAME	HD SWP

- b. Connect a power source.
- c. Get into the VCR adjustment mode.
- d. Press the “BLC(MODE UP)” or “FADE(MODE DOWN)” button of Camcorder so as to select the address 061.
- e. Insert the Standard Color Bar Tape and press the “PLAY” button.

Note : If there is no video out, when you pressed the “PLAY” button, you can not adjust the Head Switching Point.

It may be caused by maladjusted VIDEO block.

In this case, adjust the VIDEO block before the Head Switching Point.

-
- f. The data of Head Switch is set to 6.5H(NTSC)/7.0H(PAL) automatically.

061
EPR : XX EVR : XX<6.5H>

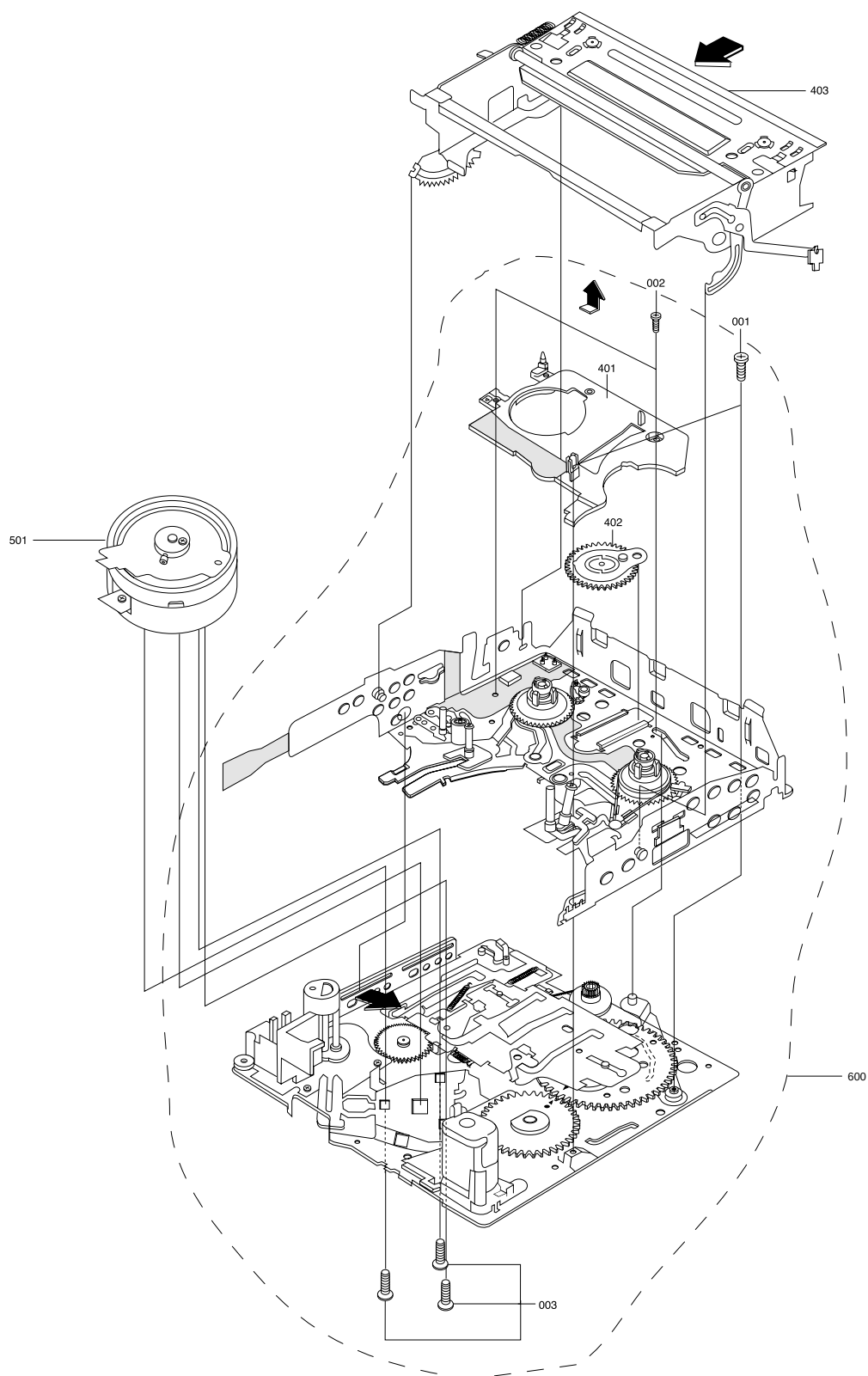
- g. Be sure to press the “ENTER(CONFIRM)” button on Camcorder to memorize setting.
- h. Reset the power source so as to fix the new data to the Camcorder’s EEPROM.

MEMO

2. Exploded View and Parts List

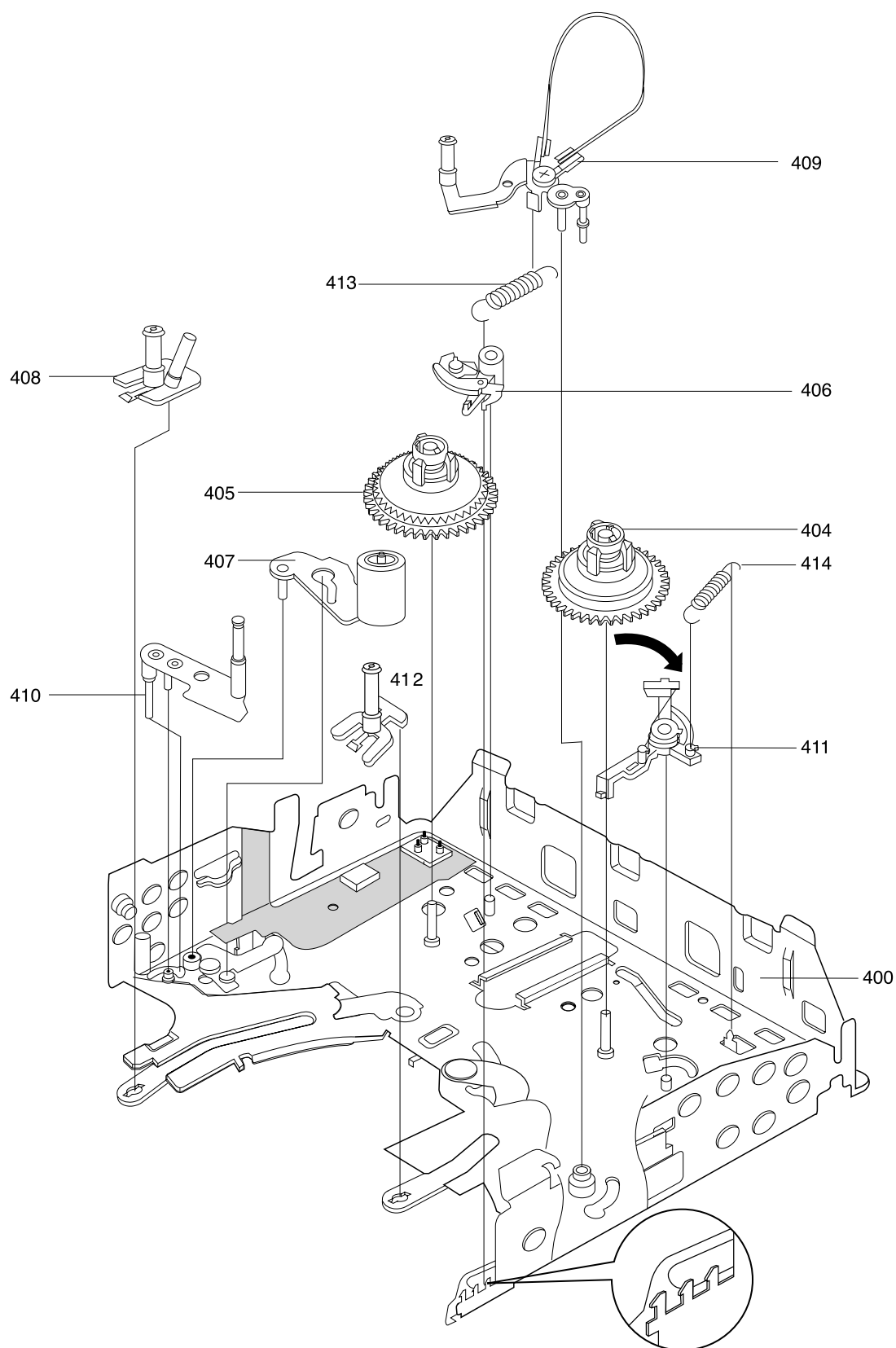
2-1 Mechanical Parts (1)	2-2
2-2 Mechanical Parts (2)	2-4
2-3 Mechanical Parts (3)	2-6
2-4 Ass'y EVF	2-8
2-5 Ass'y Right	2-10
2-6 Ass'y LCD	2-12
2-7 Ass'y Left	2-14
2-8 Ass'y Front	2-16
2-9 Ass'y Camera/Deck	2-18
2-10 Ass'y Rear	2-20

2-1 Mechanical Parts (1)



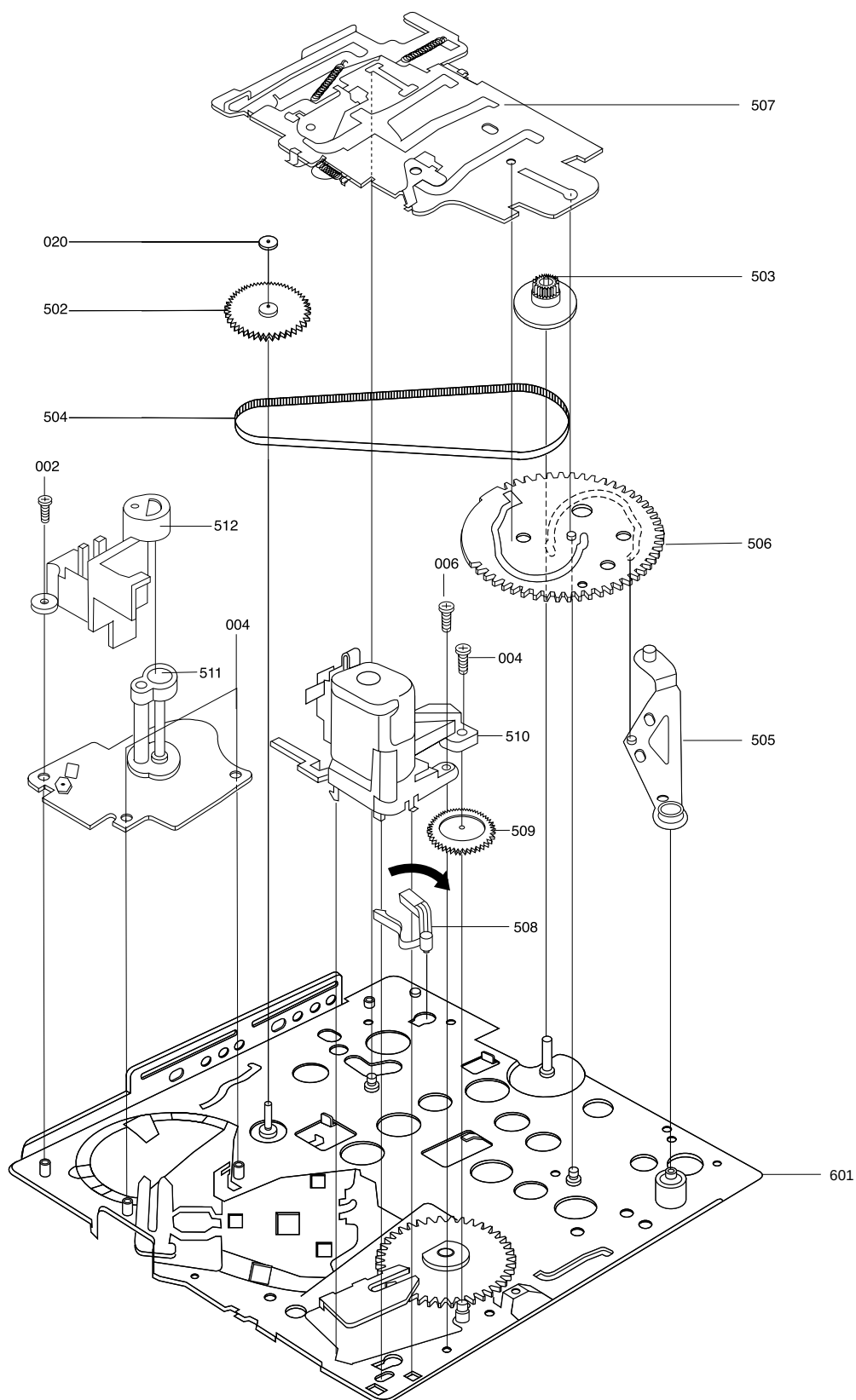
Loc. No	New Part No	Description and Specification	Remark
001	6009-001287	SCREW-SPECIAL;SM45C,2,TH,+,M1.4,L3.9(3.2)	
002	6001-001575	SCREW-MACHINE;PH,+,M1.4,L3.5,ZPC(BLK),SW	
003	6001-001417	SCREW-MACHINE	
401	AD97-04500A	ASSY-COVER-REEL;SUS+ETC,DE-10,ASSY	
402	AD97-04498A	ASSY-IDLER;POM+ETC,DE-10,ASSY	
403	AD97-04757A	HOUSING-ASSY;-,-,-,-,-,DE-6	
501	AD97-04439A	ASSY-DRUM NTSC;-,-,DE-10,NTSC	
600	AD97-04625A	ASSY-SEMI DECK;DE-10	

2-2 Mechanical Parts (2)



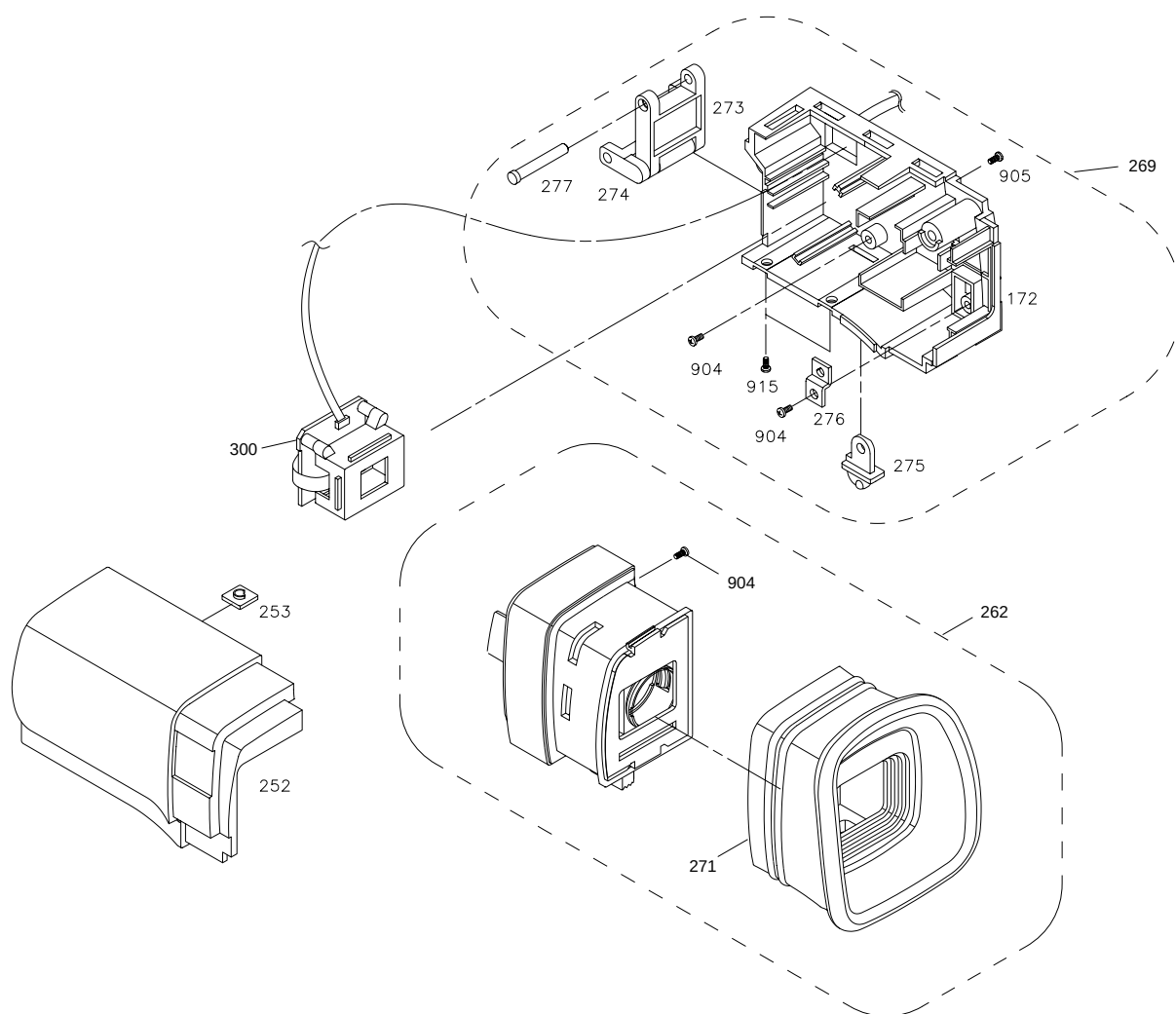
Loc. No	New Part No	Description and Specification	Remark
400	AD97-04497A	ASSY-SUB-CHASSIS;SECC+ETC,DE-10,ASSY	
404	AC66-12041A	REEL-S(ASSY);-, -, -, DE-6	
405	AC66-12042A	REEL-T(ASSY);-, -, -, DE-6	
406	AC66-30120A	LEVER-BRAKE SOFT T (ASSY);-, -, -, DE-6,-	
407	AD97-04490A	ASSY-ARM-PINCH;-, DE-10,SUS+ETC	
408	AD97-04491A	ASSY-POLE-BASE T;-, DE-10,PPS+ETC	
409	AD97-04493A	ASSY-ARM-TENSION;-, DE-10,ASSY	
410	AD97-04494A	ASSY-ARM-REVIEW;SUS+ETC,DE-10,ASSY	
411	AD97-04499A	ASSY-BRAKE-SUB S;DURACON+ETC,DE-10,ASSY	
412	AD97-04522A	ASSY-POLE-BASE S;PPS+ETC,DE-10,-	
413	AD61-00922A	SPRING ETC-TENSION;DE-10,SWPB,-, -, -, -, -, -	
414	AC61-62022A	SPRING ETC-SOFT BRAKE(S);-, -, -, -, -, -, -	

2-3 Mechanical Parts (3)



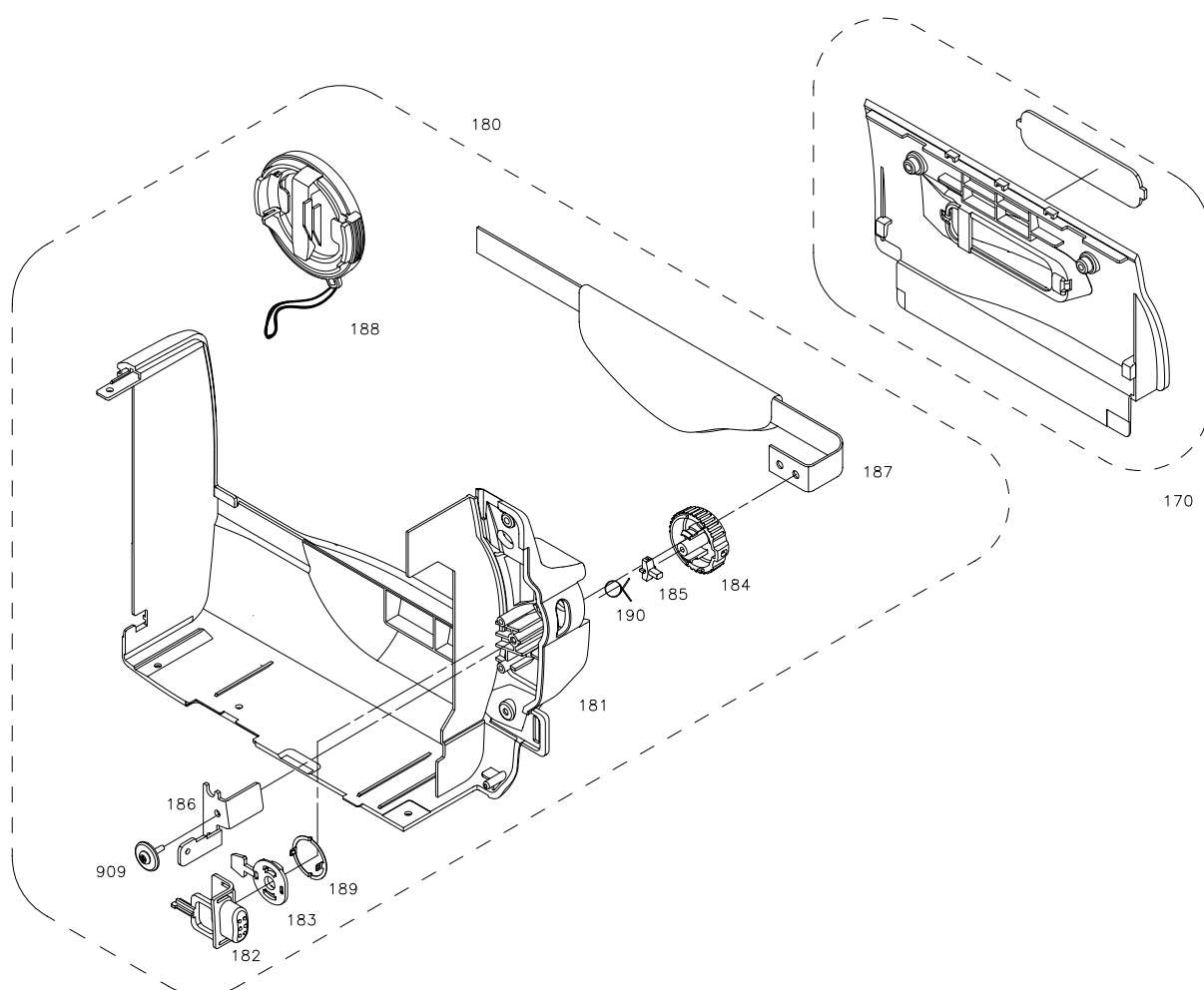
Loc. No	New Part No	Description and Specification	Remark
002	6001-001575	SCREW-MACHINE;PH,+,M1.4,L3.5,ZPC(BLK),SW	
004	AC60-12112A	SCREW-BH;- ,WHT,L2,L2,BH,+, -,M1.4,WHT,-	
006	AC60-10017A	SCREW-MACHINE;- ,-,FEFZY,SWCH1018,+,M1.7,	
020	AC60-30017A	WASHER-SLIT;ID 1,OD 2.6,T 0.4,POLYSLIDER	
502	AD66-00141A	GEAR-CAPSTAN;DE-10,PA(1724K),-, -, -, -, -	
503	AD66-00142A	GEAR-PULLEY;DE-10,DURACON M90-44,-, -, -, -	
504	AC66-62001A	BELT-TIMMING;- ,L137 T0.4,-, -, -, -, -	
505	AD66-00130A	LEVER-CAM;DE-10,SUS430 CP,0.6,-, -, -, -, -	
506	AD66-00140A	GEAR-CAM MAIN;DE-10,ZYTEL 70G-43L,-, -, -, -	
507	AD97-04496A	ASSY-SLIDE-MAIN;SECC+ETC,DE-10,ASSY	
508	AD66-00131A	LEVER-EJECT;DE-10,DURANEX #3300,-, -, -, -, -	
509	AD66-00139A	GEAR-LOADING;DE-10,DURACON M90-44,-, -, -, -	
510	AD97-04504A	ASSY-LOADING-MOTOR;MOTOR+TEC,DE-10,ASSY	
511	AD97-04554A	ASSY-CAPSTAN-MOTOR;- ,DE-10,ASSY	
511	AD97-04555A	ASSY-CAPSTAN MOTOR;- ,DE-10,ASSY	
512	AD61-00950A	HOLDER-FPC SUB;DE-10,POM,-, -, -, NATURAL,-	
601	AD97-04495A	ASSY-MAIN CHASSIS;DE-10	

2-4 Ass'y EVF



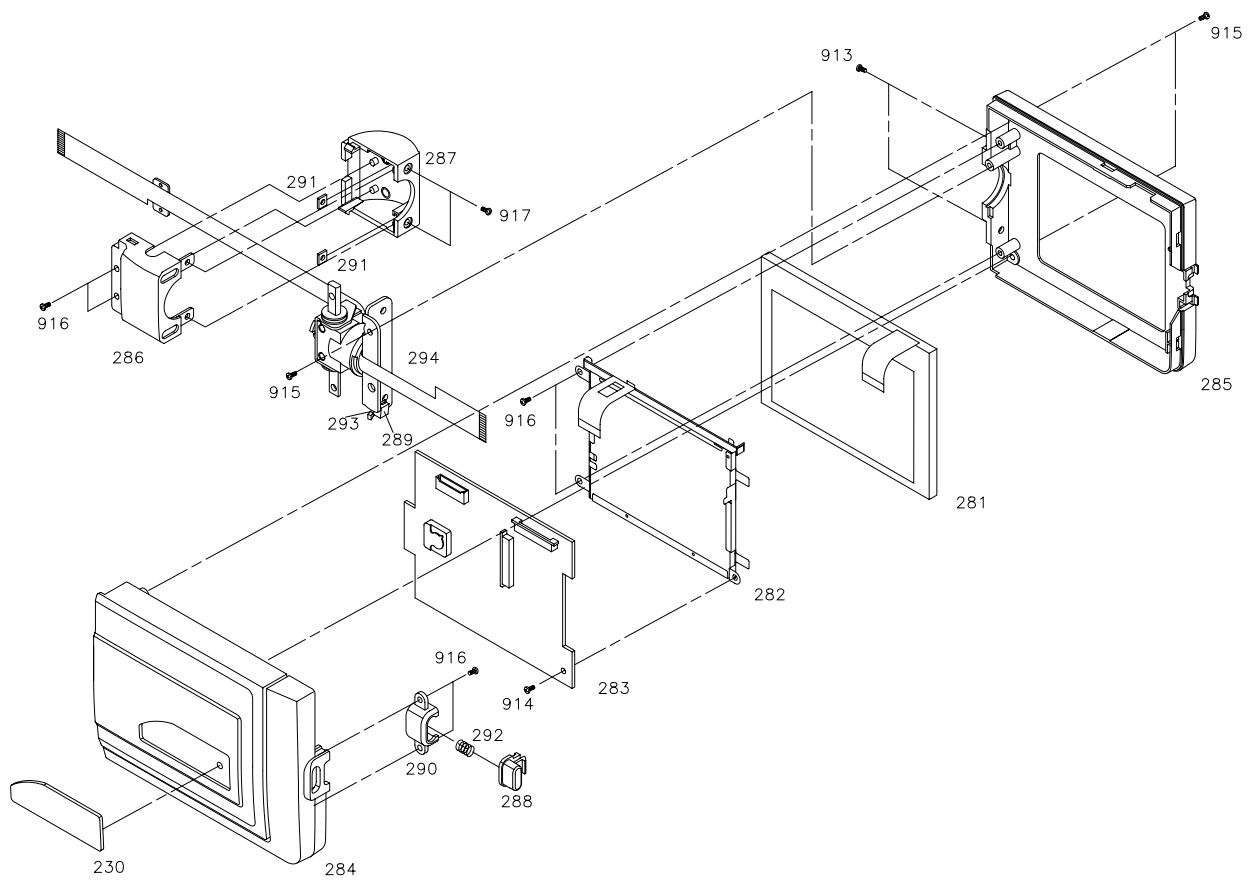
Loc. No	New Part No	Description and Specification	Remark
172	AD64-00703E	CASE-EVF R, ABS94VO, EVF	
252	AD64-00450M	CASE-EVF L;ABS94VO D/GRY VE0812 G6238	ALL
253	AC61-32047A	PLATE-NUT;SPT T0.8	ALL
262	AD97-02441A	ASSY-EVF LENS	
269	AD97-06589A	ASSY-CASE EVF R	
271	AD73-00040A	RUBBER-EVF CUP	
273	AD66-00105A	LINK-EVF;POM BLK	ALL
274	AD66-00106A	LINK-LOCK;ABS 94HB BLK	ALL
275	AD64-00458A	LOCKER-EVF;POM BLK	ALL
276	AD61-00104A	GUIDE-PLATE;SPT T0.8	ALL
277	AD61-00297A	SHAFT-EVF;SUS303	ALL
300	AD97-04455A	ASSY-UNIT EVF;0.24",NTSC	
904	AC60-10055A	SCREW-TAPPING;M2X4 FZB	ALL
905	AC60-10054A	SCREW-TAPPING;M2X6,FZB	ALL
915	AC60-10043A	SCREW-TAPPING;1.7X6,FZB	

2-5 Ass'y Right



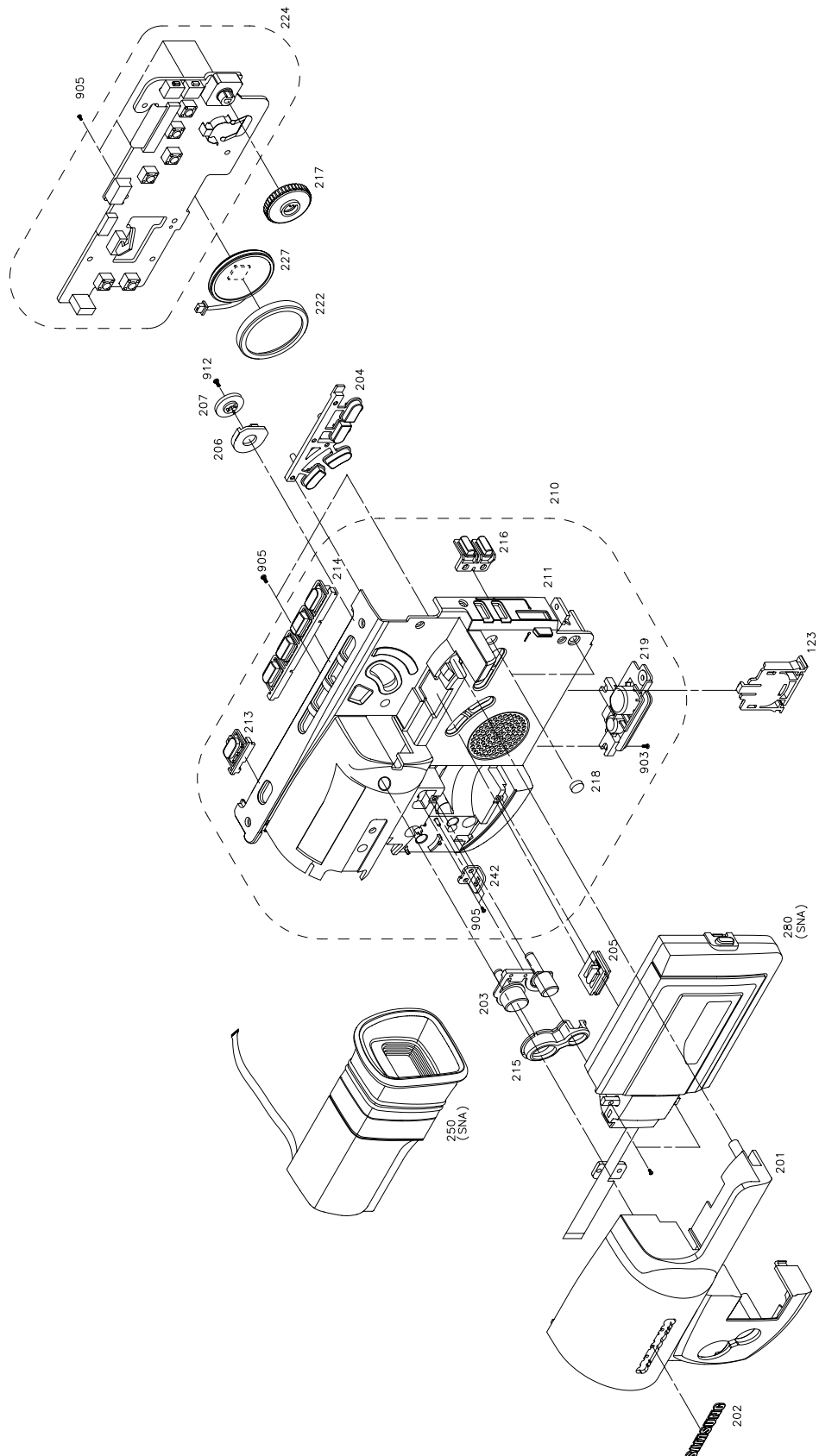
Loc. No	New Part No	Description and Specification	Remark
170	AD97-02642A	ASSY-COVER HOUSING,NORMAL	VP-L800U/VP-W80U
	AD97-02643A	ASSY-COVER HOUSING,Hi8	Hi8 MODEL ALL
180	AD97-04252B	ASSY-CASE RIGHT;ASS'Y,EXP	ALL
181	AD64-00694A	CASE-RIGHT;ABS94HB HF0660I G3532,EXP	ALL
182	AD64-00424A	BUTTON-REC/STOP;ABS94HB RED	ALL
183	AD61-00905A	HOLDER-POWER;POM BLK	ALL
184	AD64-00695A	KNOB-POWER;ABS94HB HF0660I G3532	ALL
185	AD64-00696A	LOCKER-POWER;ABS94HB GREEN	ALL
186	AD61-00214A	BRACKET-GRIP BACK;SUS304 T0.8	ALL
187	AD59-00044A	UNIT-BELT GRIP;LEATHER, BLK	ALL
188	AD97-03191A	ASSY-CAP HOOD;ASS'Y	ALL
189	AD61-00906A	PLATE-SPRING POWER	ALL
190	AD61-00915A	SPRING-LOCK POWER	ALL
909	AD60-10509A	SCREW-TAP PWH	

2-6 Ass'y LCD



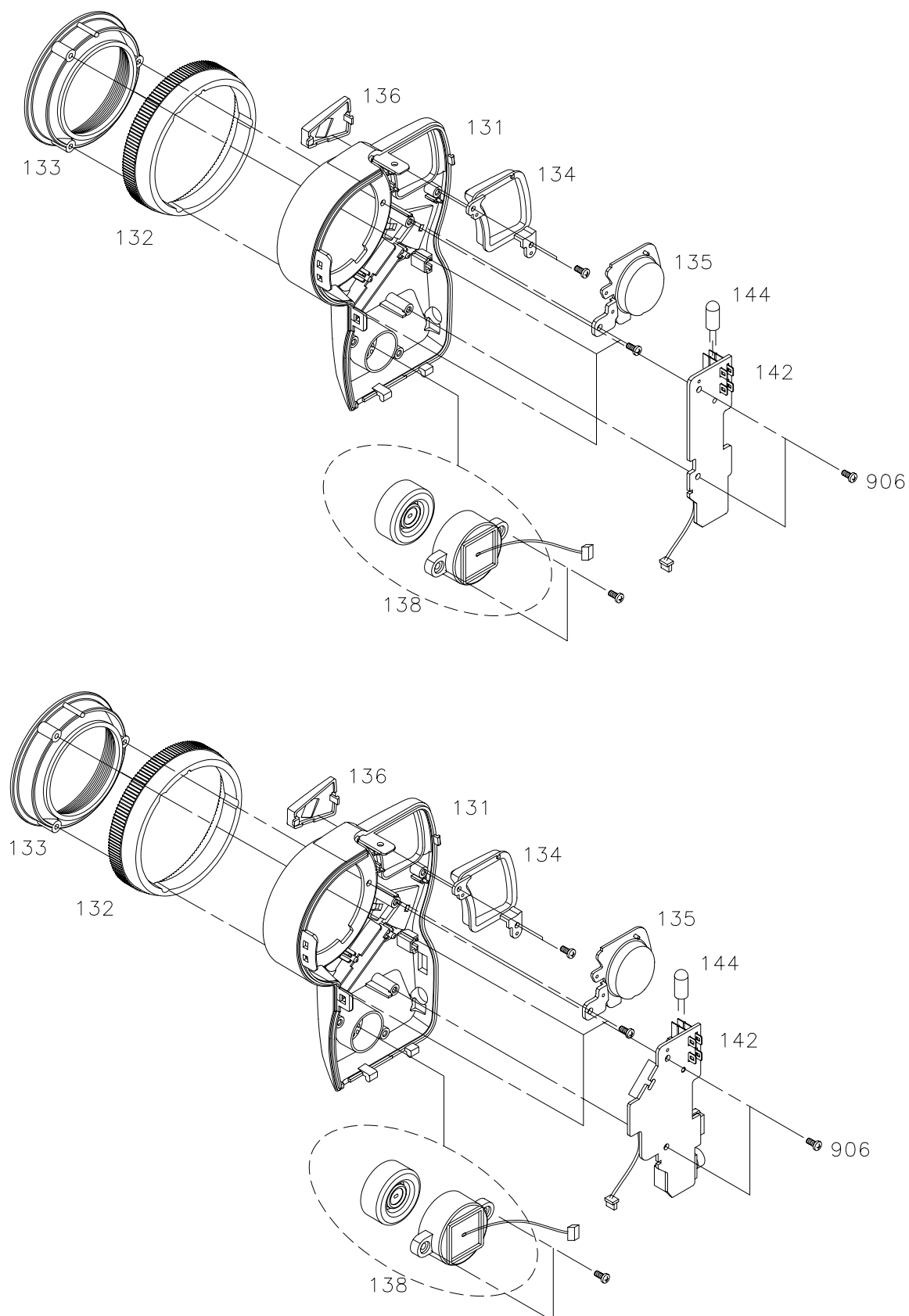
Loc. No	New Part No	Description and Specification	Remark
230	AD64-00757A	INLAY-DIGITAL;PVC SHEET	
281	AD07-00027A	PVI LCD;NTSC	
282	AD97-02233A	ASSY-BACK LIGHT;ASSY,M2, CASIO	
283	AD97-04458A	ASSY-LCD BOARD;NTSC	
284	AD64-00758G	CASE-LCD TOP;ABS 94 VO	
285	AD64-00464B	CASE-LCD BOTTOM;ABS94VO NTSC (COLOR)	
286	AD63-00188G	COVER-HINGE TOP;ABS 94HB	
287	AD63-00190A	COVER-HINGE BOTTOM;ABS 94HB	
288	AD64-00445A	BUTTON-LCD LOCK;PC/ABS	
289	AD64-00446A	BUTTON-LCD REVERSE;ABS 94HB	
290	AD61-00585A	GUIDE-LCD LOCK;POM BLK	
291	AD61-12033A	BRKT-NUT;SECC T0.8	
292	AD61-00344A	SPRING-LCD LOCK;SWPB	
293	AD61-00627A	SPRING-LCD REVERSE;SUS304 WPB	
294	AD97-02487A	ASSY-HINGE;ASSY	
913	AC60-10019A	SCREW-MACHINE;M2X4 FZB	
914	AC60-10028A	SCREW-MACHINE;M1.7X3 FZB	
915	AC60-10043A	SCREW-TAPPING;TAP1.7X6 FZB	
916	AC60-12128A	SCREW-TAPPING;TAP1.7X4 FEB	
917	6001-001291	SCREW-MACHIN;M1.7X4 FZB	

2-7 Ass'y Left



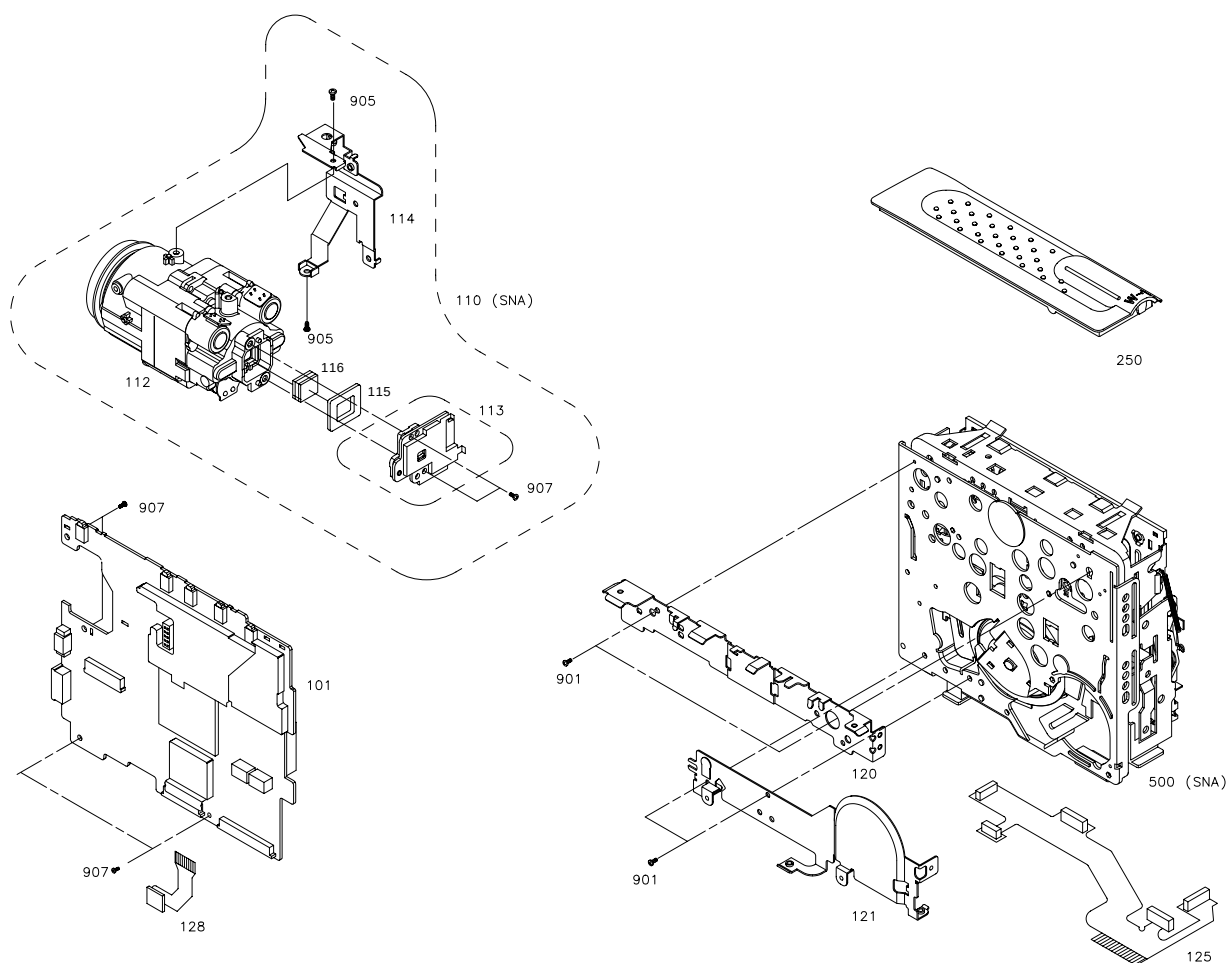
Loc. No	New Part No	Description and Specification	Remark
123	AD63-00065C	COVER-LI BATTERY	
201	AD63-00315U	COVER-LEFT(W6);ABS94HB HG0760 G6238	SCL810
	AD63-00315V	COVER-LEFT(W6);ABS94HB HG0760 G6238	SCL860
	AD63-00315W	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L870
	AD63-00469A	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L800U
	AD63-00469B	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L800
	AD63-00469C	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L850
	AD63-00469D	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L850D
	AD63-00469E	COVER-LEFT(W6);ABS94HB HG0760 G6238	VP-L870
	AD63-00315X	COVER-LEFT(W6);ABS94HB HG0760 G6238	VM-C300
	AD63-00315Y	COVER-LEFT(W6);ABS94HB HG0760 G6238	VM-C360
	AD63-00315Z	COVER-LEFT(W6);ABS94HB HG0760 G6238	VM-C370
202	AD64-70085A	BADGE-SAMSUNG(30);AL (30mm)	
203	AD64-00753A	BUTTON-EASY(W4);ABS94HB NTR	
204	AD64-00427A	BUTTON-FUNCTION(W2);ABS94HB HF0660I G3532	
205	AD61-00600A	HOLDER-LOCK EVF;POM BLK	
206	AD61-00594A	RAIL-EVF;POM BLK	
207	AD61-00595A	RAIL-LOCK;ABS 94HB BLK	
210	AD97-04405A	ASSY-CASE LEFT(W4);W4-PJ, LIGHT(X)	VP-L800U/L800
	AD97-04406A	ASSY-CASE LEFT(W4);W4-PJ, LIGHT(O)	SCL810/SCL860/SCL870
			VP-L850/L850D/L870
211	AD64-00751A	CASE-LEFT(W4);W4-PJ, LIGHT(X)	VP-L800U/L800
	AD64-00751B	CASE-LEFT(W4);W4-PJ, LIGHT(O)	SCL810/SCL860/SCL870
			VP-L850/L850D/L870
213	AD64-00706A	BUTTON-TAPE EJECT;ABS94HB HF0660I G3532	
214	AD64-00707A	BUTTON-VCR;ABS94HB HF0660I G3532	
215	AD64-00755A	KNOB-DUMMY(W4);ABS94HB NTR	
216	AD64-00235B	BUTTON-FUNCTION-A(M2);ABS94HB HF0660I G3532	
217	AD64-00240C	KNOB-DIAL MENU(M2);ABS94HB HF0660I G3532	
218	AD69-00045A	PAD-LCD;SILICON	
219	AD97-03290A	ASSY-TRIPOD;PC G3532	
222	AD73-10048A	RUBBER-SPEAKER;RUBBER BLK	
224	AD97-04508A	ASSY-FUNCTION B'D(W6)	VP-L800U/L800/SCL810
	AD97-04464A	ASSY-FUNCTION BOARD	SCL860/SCL870
			VP-L850/L850D/L870
227	AD97-00244A	ASSY-SPEAKER;SC-L315C, 2816S	
242	AD61-00581A	BRACKET-HINGE	
250	AD97-06646A	ASSY-EVF,NTSC/B&W	SCW80/SCL810/SCL860/SCL870
	AD97-06930A	ASSY-EVF,PAL/B&W	VP-W80U/W80/W87/W87D
			VP-L800U/L800/L850/L850D/L870
	AD97-06956A	ASSY-EVF,DOM/B&W	VM-C300/C360/C370
	AD97-06931A	ASSY-CVF,NTSC/COL	SCW87
	AD97-06932A	ASSY-CVF,DOM/COL	VM-C170
903	AC60-10020A	SCREW-MACHINE(2X5);BLK	
905	AC60-10054A	SCREW-TAPPING(2X6);W4-PJ	
905	AC60-10054A	SCREW-TAPPING(2X6);BLK	
912	AC60-10073A	SCREW -TAP PLAIN(2X6);W-PJ(CASE-L+ASSY-EVF)	

2-9 Ass'y Front



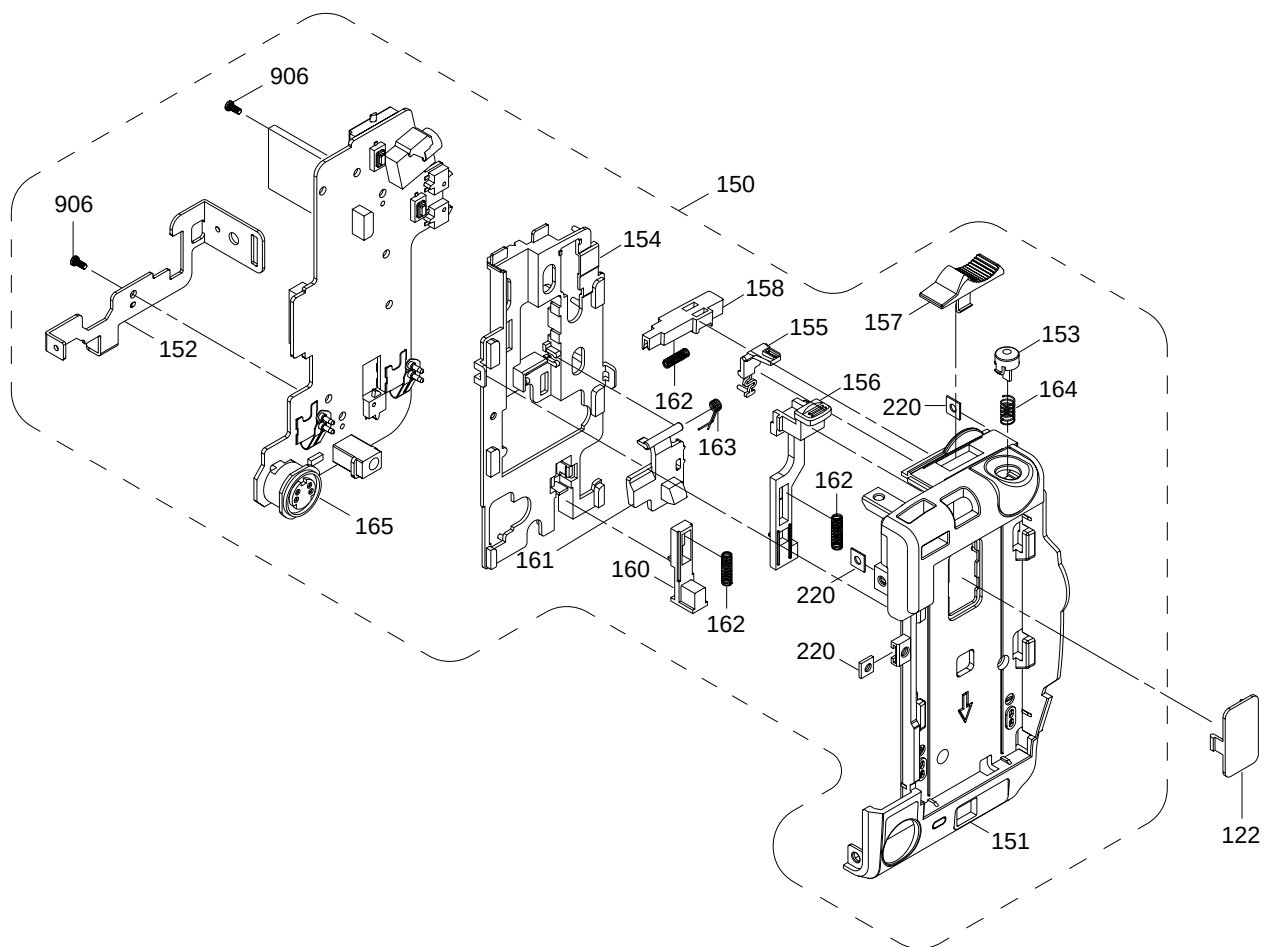
Loc. No	New Part No	Description and Specification	Remark
131	AD64-00693M	CASE-FRONT;880X,MIC(X),USB(X)	SCL810/VP-L800U/L800/VM-C300
	AD64-00693P	CASE-FRONT;880X,MIC(X),USB(O)	
	AD64-00693N	CASE-FRONT;880X,MIC(O),USB(X)	SCL860/VP-L850/L850D
	AD64-00693Q	CASE-FRONT;880X,MIC(O),USB(O)	SCL870/VP-L870/VM-C360/C370
	AD64-00693R	CASE-FRONT;990X,MIC(O),USB(X)	
132	AD67-00157A	LENS-HOOD(AL);AL	
133	AD67-00038C	LENS-HOOD(22X);ABS 94HB BLK	
134	AD64-00697A	MASK-LAMP;PC CLR	VP-L850/L850D/L870 SCL810/860/870
	AD63-00299E	COVER-DUMMY LAMP	VP-L800U/L800/VM-C300
135	AD67-00156A	MIRROR-LAMP;NYLON66(5232G)	VP-L850/L850D/L870 SCL810/860/870
136	AD64-00698A	WINDOW-REMOCON;PMMA TITANE	
138	AD97-04436A	ASSY-MIC;ASS'Y	
142	AD97-04471A	ASSY-FRONT BOARD;MIC(X),LIGHT(O),USB(X)	SCL810
	AD97-04472A	ASSY-FRONT BOARD;MIC(O),LIGHT(O),USB(X)	SCL860/870/VP-L850/L850D
	AD97-04738A	ASSY-FRONT + USB BOARD	VP-L870/SCL870/ VM-C170/C360/C370
144	4713-001152	LAMP-PURE XENON;6V,500mA,3W	
906	AC60-10061A	SCREW-TAPPING(T2X5);BLK	

2-10 Ass'y Camera/Deck



Loc. No	New Part No	Description and Specification	Remark
101	AD68-06018A	ASSY-MAIN BOARD	VP-W80
	AD68-06018B	ASSY-MAIN BOARD	VP-W87
	AD68-06018C	ASSY-MAIN BOARD	VP-L800
	AD68-06018D	ASSY-MAIN BOARD	VP-L850
	AD68-06018E	ASSY-MAIN BOARD	VP-L870
	AD68-06018F	ASSY-MAIN BOARD	SCW80
	AD68-06018G	ASSY-MAIN BOARD	SCW87
	AD68-06018H	ASSY-MAIN BOARD	SCL810
	AD68-06018J	ASSY-MAIN BOARD	SCL870
	AD68-06018K	ASSY-MAIN BOARD	VM-C170
	AD68-06018L	ASSY-MAIN BOARD	VM-C300
	AD68-06018M	ASSY-MAIN BOARD	VM-C370
	AD68-06018N	ASSY-MAIN BOARD	SCL860
	AD68-06018P	ASSY-MAIN BOARD	VM-C360
	AD68-06018Q	ASSY-MAIN BOARD	VP-W80U
	AD68-06018R	ASSY-MAIN BOARD	VP-W87D
	AD68-06018S	ASSY-MAIN BOARD	VP-L800U
	AD68-06018T	ASSY-MAIN BOARD	VP-L850D
112	AD97-03040A	ASSY-ZOOM LENS;22X	ALL
113	AD97-04856A	ASSY-CCD	
114	AD61-00576A	BRACKET-LENS(22X)-180;SUS304 T0.5(22X)	ALL
115	AD63-62008A	SPACER-CCD;SILICON (Hi8)	ALL
116	AD29-92001F	FILTER-OLP;OG-BF455	
120	AD61-00222A	CHASSIS-TOP	
121	AD61-00904A	CHASSIS-BOTTOM	
125	AD92-00005A	ASSY-PCB DECK FPC	
128	AD97-04462A	ASSY-ROTARY FPC	ALL
250	AD64-00422A	CASE-TOP;W-PJ,ABS94HB	
500	AD97-04370A	ASSY-DECK;DE-10 NTSC	
905	AC60-10054A	SCREW-TAPTITE(2X6);BLK	ALL
907	AC60-10024A	SCREW-MACHINE(2X3);YEL	ALL

2-11 Ass'y Rear



Loc. No	New Part No	Description and Specification	Remark
122	AD63-00064D	COVER-JIG;W-PJ/D/GRAY,ABS94HB	
150	AD97-03188A	ASSY-CASE REAR;ASS'Y:Hi8 (D.ZOOM)-	SCL810
	AD97-02604A	ASSY-CASE REAR;ASS'Y:Hi8 (S.SHOT)	SCL860/SCL870
151	AD64-00418E	CASE-REAR;Hi8 (D.ZOOM)	SCL810
	AD64-00418C	CASE-REAR;Hi8 (S.SHOT)	SCL860/SCL870
152	AD61-00578A	BRACKET-REAR(W2);SUS304 T0.8 1/2H	
153	AD64-00423A	BUTTON-SNAP SHOT;ABS94HB HF0660I G3532	
154	AD61-00573A	HOLDER-BATTERY EJECT;ABS94HB HF0660I G3532	
155	AD61-00574A	HOLDER-SNAP SHOT;POM NTR	
156	AD64-00431A	KNOB-BATTERY EJECT;ABS94HB HF0660I G3532	
157	AD64-00432A	KNOB-ZOOM;ABS94HB HF0660I G3532	
158	AD61-00602A	HOLDER-ZOOM;POM NTR	
160	AD64-00176B	KNOB-DIDECTION;ABS94HB HF0660I G3532	
161	AD64-00182B	LOCKER-BATTERY;POM BLK	
162	AD61-00218A	SPRING-BATTERY EJECT;SUS 304 WPB	
163	AD61-00219A	SPRING-BATTERY LOCK;SUS 304 WPB	
164	AD61-00220A	SPRING-SNAP SHOT;SUS 304 WPB	
165	AD97-02894A	ASSY-REAR B'D;ASSY(Hi8)	
220	AC61-32047A	PLATE-NUT;SECC T0.8	
906	AC60-10061A	SCREW-TAPPING(T2X5);BLK	

MEMO

3. Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
		ASSY-CCD BOARD;-,W3/W4-PJ,270K,SONY	
CC01	2203-000140	C-CERAMIC,CHIP;1.5nF,10%,50V,X7R,TP,1608	
CC02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CC03	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CC04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CC05	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CC06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CNC01	3711-004241	CONNECTOR-HEADER;BOX,18P,2R,1MM,SMD-A,SN	
DC02	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
QC01	0505-000180	FET-SILICON;2SK1070,N,-,50mA,-,150mW,SOT	
RC01	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RC02	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RC03	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RC05	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RC07	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
		ASSY-MAIN BOARD;-,SC-L860/XAA,NTSC	
C101	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C105	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C106	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C107	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C108	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C109	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C110	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C111	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C112	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C113	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C114	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C115	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C116	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C117	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C118	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C119	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C120	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C121	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C130	2203-000315	C-CERAMIC,CHIP;0.12nF,5%,50V,C0G,TP,1608	
C132	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,C0G,TP,1608	
C133	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,C0G,TP,1608	
C134	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C136	2203-001683	C-CERAMIC,CHIP;0.068nF,5%,50V,NP0,TP,160	
C140	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C141	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C142	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
C143	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C151	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C152	2203-000332	C-CERAMIC,CHIP;0.012nF,5%,50V,C0G,TP,160	
C153	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C154	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,C0G,TP,160	
C155	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C156	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25PF,50V,C0G,TP,	
C161	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,C0G,TP,160	
C162	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C163	2203-001408	C-CERAMIC,CHIP;0.27nF,5%,50V,NP0,TP,1608	
C167	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C171	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C172	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C173	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C174	2203-000236	C-CERAMIC,CHIP;0.1nF,5%,50V,C0G,TP,1608	
C175	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25PF,50V,C0G,TP,	
C176	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,C0G,TP,160	
C178	2203-001071	C-CERAMIC,CHIP;0.056nF,5%,50V,C0G,TP,160	
C179	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C180	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C181	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C186	2203-001052	C-CERAMIC,CHIP;0.56nF,10%,50V,X7R,TP,160	
C187	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C189	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
C190	2203-001086	C-CERAMIC,CHIP;0.005nF,0.25pF,50V,NP0,TP	
C191	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C192	2203-000405	C-CERAMIC,CHIP;0.18nF,5%,50V,C0G,TP,1608	
C193	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C201	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C202	2404-001254	C-TA,CHIP;220UF,20%,2.5V,-,TP,3.5(L)X2.8	
C203	2404-001254	C-TA,CHIP;220UF,20%,2.5V,-,TP,3.5(L)X2.8	
C204	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C205	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C206	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C207	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C208	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C209	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C210	2203-005627	C-CERAMIC,CHIP;470nF,10%,10V,X5R,TP,1608	
C211	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C212	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C213	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C214	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
C215	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C216	2203-005627	C-CERAMIC,CHIP;470nF,10%,10V,X5R,TP,1608	
C217	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C218	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C219	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C401	2203-005148	C-CERAMIC,CHIP;100nF,10%,16V,X7R,TP,1608	
C402	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C501	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C505	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C506	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C507	2203-006035	C-CERAMIC,CHIP;220nF,+ -10%,10V,X7R,TP,16	
C508	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C509	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C510	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C511	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C512	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C513	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C514	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C516	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C517	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C518	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C520	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C522	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C523	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C524	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C525	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C526	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C527	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C528	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C529	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C530	2203-000888	C-CERAMIC,CHIP;4.7nF,10%,50V,X7R,TP,1608	
C531	2203-000726	C-CERAMIC,CHIP;3.9nF,10%,50V,X7R,TP,1608	
C532	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C533	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C534	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C535	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C536	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C537	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C538	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C602	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C603	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C605	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C606	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C610	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,C0G,TP,160	
C611	2203-000384	C-CERAMIC,CHIP;0.015nF,5%,50V,C0G,TP,160	

Loc. No	Part No	Desc & Spec	Remark
C612	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C614	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C615	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C616	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C617	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
C618	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C619	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C620	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C621	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C622	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C623	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C626	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C627	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C628	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C701	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C702	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C703	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C704	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C705	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
C706	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
C707	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C708	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C709	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C710	2203-000922	C-CERAMIC,CHIP;470nF,+80-20%,25V,Y5V,TP,	
C711	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C712	2404-000232	C-TA,CHIP;4.7uF,20%,10V,-,TP,3216,-	
C713	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C714	2203-001103	C-CERAMIC,CHIP;6.8nF,10%,50V,X7R,TP,1608	
C715	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C716	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216	
C717	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
C718	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608	
C719	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C720	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C721	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C722	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608	
C723	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C724	2402-001146	C-AL,SMD;100uF,20%,6.3V,GP,TP,9.8X5.5X2	
C725	2404-001039	C-TA,CHIP;47uF,20%,6.3V,GP,TP,3528,-	
C726	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C727	2404-000266	C-TA,CHIP;0.68uF,20%,25V,-,TP,3216	
C728	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
C729	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C730	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
C731	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Loc. No	Part No	Desc & Spec	Remark	Loc. No	Part No	Desc & Spec	Remark
C732	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CA05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C736	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CA07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C737	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608		CA08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C738	2203-000715	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,1608		CA09	2203-000041	C-CERAMIC,CHIP;0.01nF,0.25PF,50V,C0G,TP,	
C903	2203-005619	C-CERAMIC,CHIP;4700nF,10%,16V,X5R,TP,321		CA11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C904	2203-005644	C-CERAMIC,CHIP;10000nF,10%,6.3V,X5R,TP,3		CA12	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
C905	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528		CA13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C906	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2		CA15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C907	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CA16	2203-002793	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C908	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2		CA17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C912	2203-005619	C-CERAMIC,CHIP;4700nF,10%,16V,X5R,TP,321		CA18	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C913	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-		CD01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C914	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-		CD02	2203-002793	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C916	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C917	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD04	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C918	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD05	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C919	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C920	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C921	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CD08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C922	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2		CD10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C923	2203-005644	C-CERAMIC,CHIP;10000nF,10%,6.3V,X5R,TP,3		CD13	2203-000626	C-CERAMIC,CHIP;0.022nF,5%,50V,C0G,TP,160	
C928	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL01	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C929	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL02	2203-000357	C-CERAMIC,CHIP;0.15nF,5%,50V,C0G,TP,1608	
C930	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608		CL03	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
C931	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608		CL04	2203-000604	C-CERAMIC,CHIP;22nF,10%,25V,X7R,TP,1608	
C932	2203-001607	C-CERAMIC,CHIP;0.22nF,5%,50V,NP0,TP,1608		CL05	2203-000799	C-CERAMIC,CHIP;33nF,10%,16V,X7R,TP,1608	
C933	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CL06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C934	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CL07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C935	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C936	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C937	2203-000491	C-CERAMIC,CHIP;2.2nF,10%,50V,X7R,TP,1608		CL10	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C938	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C939	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C940	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL14	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
C941	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CL15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C942	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL16	2404-000190	C-TA,CHIP;22uF,20%,16V,-,TP,5832,-	
C943	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-		CL17	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C944	2203-005186	C-CERAMIC,CHIP;2.2uF,10%,16V,X7R,TP,3216		CL20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C945	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CL21	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,C0G,TP,160	
C946	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CL22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
C947	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528		CL23	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA01	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2		CL24	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA02	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CL25	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA03	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,		CL26	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CA04	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP,		CL27	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
CL28	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CN101	3708-001348	CONNECTOR-FPC/FFC/PIC;11P,-,SMD-A,SN	
CN501	3708-001471	CONNECTOR-FPC/FFC/PIC;43P,0.5mm,SMD-A,SN	
CN601	3711-004735	CONNECTOR-HEADER;BOX,38P,2R,0.8mm,SMD-A,	
CN602	3708-001584	CONNECTOR-FPC/FFC/PIC;19P,1mm,SMD-A,SN	
CN606	3708-001581	CONNECTOR-FPC/FFC/PIC;24P,0.5mm,SMD-A,SN	
CN702	3711-002049	CONNECTOR-HEADER;BOX,6P,1R,1.25mm,SMD-A,	
CNP01	3710-001478	CONNECTOR-SOCKET;18P,2R,1MM,SMD-S,SN	
CNP02	3708-001575	CONNECTOR-FPC/FFC/PIC;22P,0.5mm,SMD-A,SN	
CP01	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CP02	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP04	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP06	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP07	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP08	2404-001251	C-TA,CHIP;22uF,20%,7V,-,TP,3216	
CP09	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP10	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP11	2404-001251	C-TA,CHIP;22uF,20%,7V,-,TP,3216	
CP12	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP13	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP14	2404-001251	C-TA,CHIP;22uF,20%,7V,-,TP,3216	
CP15	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP16	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP17	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP18	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP19	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP20	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP21	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP22	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP23	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP24	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP25	2203-001071	C-CERAMIC,CHIP;0.056NF,5%,50V,C0G,TP,160	
CP26	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP27	2203-000681	C-CERAMIC,CHIP;0.027NF,5%,50V,C0G,TP,160	
CP28	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP29	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP30	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP31	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP33	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP34	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP35	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP36	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP37	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP38	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP39	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	

Loc. No	Part No	Desc & Spec	Remark
CP40	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CP46	2203-001660	C-CERAMIC,CHIP;0.004NF,0.25PF,16V,NP0,TP	
CP47	2203-002605	C-CERAMIC,CHIP;0.008nF,0.25pF,50V,NP0,TP	
CP48	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CP49	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
CP50	2203-000041	C-CERAMIC,CHIP;0.01NF,0.25PF,50V,C0G,TP,	
CP51	2203-001660	C-CERAMIC,CHIP;0.004NF,0.25PF,16V,NP0,TP	
CV01	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV02	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV03	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV04	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV05	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV06	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV07	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV08	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV09	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV10	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV11	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV12	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CV13	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV14	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV15	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
CV18	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV20	2203-000189	C-CERAMIC,CHIP;100nF,+80-20%,25V,Y5V,TP,	
CV21	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV22	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV23	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
CV26	2203-000257	C-CERAMIC,CHIP;10nF,10%,50V,X7R,TP,1608	
D601	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D602	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D603	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
D901	0401-001097	DIODE-SWITCHING;HN2D01FU,80V,80mA,1-2T1C	
D903	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
IC101	1201-001312	IC-PREAMP;CXA2032Q,QFP,32P,7.0ML,SINGLE	
IC201	1201-001322	IC-VIDEO AMP;NJM2538V,SOP,20P,175MIL,-,-	
IC202	AC14-12015G	IC-LINEAR;NJM2249V,SSOP,TAPE	
IC401	1204-001946	IC-OSD PROCESSOR;UPD6467GR,SSOP,20P,173M	
IC451	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-	
IC501	0909-001013	IC-REAL TIME CLOCK;5C372,8BIT,SOP,8P,-,3	
IC502	1003-001241	IC-MOTOR DRIVER;LB11990V,SQFP,64P,-,-,1A	
IC601	AD09-00158A	IC MICOM;UPD703040GM-051-UEU,SC-L700(3?	
IC602	1203-002807	IC-VOLTAGE REGULATOR;XC6413FY01MR,SOT-25	
IC603	1103-001224	IC-EEPROM;524L50X51,2048x8Bit,SOP,8P,225	
IC701	1201-001406	IC-AUDIO AMP;7458,SQFP,64P,393MIL,-,-,PL	
IC901	1203-001534	IC-PWM CONTROLLER;TL14661,QFP,64P,-,PLAS	

Loc. No	Part No	Desc & Spec	Remark	Loc. No	Part No	Desc & Spec	Remark
IC902	1203-002522	IC-VOLTAGE REGULATOR;1572,SOT-25A,5P,2.9		LA04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
ICA01	1002-001258	IC-A/D CONVERTER;AD9806JST80016R3,10BITS		LD01	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
ICD01	AH14-00001A	IC-DIS;KS7333,TQFP-,80P,M-PJ		LP01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
ICD02	1105-001035	IC-DRAM;416S1120,1Mx16Bit,TSOP,50P,400		LP02	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
ICD03	0801-000022	IC-CMOS LOGIC;7S00,NAND GATE,SOP,5P,49MI		LP03	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm	
ICL01	1201-001667	IC-OP AMP;12902,SSOP,TP,14P,173MIL,QUAD,		LP04	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
ICL02	1003-001200	IC-MOTOR DRIVER;UPD16835,SOP,38P,300MIL,		LP05	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
ICL03	AC14-12012T	IC-OP AMP;TA75S01F(TE85L),QFP,-		LP06	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm	
ICP01	AD13-00010A	IC-DSP;MB87L1551,W-PJ,176P-,QFP,-,-,		LV01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
ICP02	1003-001065	IC-CLOCK DRIVER;KS7221D,SOP,20P,225MIL,Q		PS901	3601-001146	FUSE-SURFACE MOUNT;63V,2A,SLOW-BLOW,EPOX	
ICV01	1204-001760	IC-VIDEO PROCESS;UPC5020GR-125,SOP,20P,3		Q130	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
L101	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm		Q131	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
L102	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm		Q141	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
L130	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm		Q142	0501-002311	TR-SMALL SIGNAL;HN2A01FU,PNP,200mW,UMD6,	
L131	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm		Q151	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
L151	2703-000363	INDUCTOR-SMD;10uH,5%,2.5x2x1.8mm		Q152	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
L152	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm		Q153	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
L153	2703-000366	INDUCTOR-SMD;22uH,5%,2.5x2x1.8mm		Q161	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L154	2703-000373	INDUCTOR-SMD;68uH,5%,2.5x2x1.8mm		Q162	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L171	2703-000365	INDUCTOR-SMD;15uH,5%,2.5x2x1.8mm		Q171	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
L172	2703-000375	INDUCTOR-SMD;82uH,5%,2.5x2x1.8mm		Q172	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
L173	2703-000381	INDUCTOR-SMD;180uH,5%,3.2x2.5x2.2mm		Q173	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
L181	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm		Q186	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
L186	2703-000375	INDUCTOR-SMD;82uH,5%,2.5x2x1.8mm		Q188	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L187	2703-000376	INDUCTOR-SMD;8.2uH,5%,2.5x2x1.8mm		Q189	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
L201	2703-000409	INDUCTOR-SMD;47uH,10%,3.2x2.5x2.2mm		Q451	0505-001726	FET-SILICON;ECH8603,P-,20V,-4A,37MOHM,1.	
L203	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm		Q453	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
L401	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm		Q454	0504-001035	TR-DIGITAL;KRA301,PNP,100MW,4.7K/4.7K,SO	
L701	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm		Q455	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
L702	2703-000002	INDUCTOR-SMD;100uH,10%,2.5x3.2x2mm		Q501	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L902	2703-001871	INDUCTOR-SMD;10UH,20%,6X6X2.8MM		Q502	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L903	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm		Q601	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
L904	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm		Q604	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
L910	2703-001871	INDUCTOR-SMD;10UH,20%,6X6X2.8MM		Q701	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
L911	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm		Q702	0504-001038	TR-DIGITAL;KRC402,NPN,100MW,10K/10K,SOT-	
L912	2703-001910	INDUCTOR-SMD;68uH,20%,6x6x2.8mm		Q703	0501-002312	TR-SMALL SIGNAL;HN2C01FU,NPN,200mW,UMD6,	
L913	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm		Q901	0502-001178	TR-POWER;CPH6702,PNP,1300mW,CPH6,TP,200	
L914	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm		Q902	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
L915	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm		Q903	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
L916	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm		Q904	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
L918	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm		Q905	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
L923	2703-002054	INDUCTOR-SMD;47uH,20%,6x6.3x3.0mm		Q906	0502-001178	TR-POWER;CPH6702,PNP,1300mW,CPH6,TP,200	
LA01	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm		Q907	0502-001178	TR-POWER;CPH6702,PNP,1300mW,CPH6,TP,200	
LA02	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm		Q908	0501-000172	TR-SMALL SIGNAL;2SB1121,PNP,500mW,PCP,TP	
LA03	2703-000403	INDUCTOR-SMD;22uH,10%,3.2x2.5x2.2mm		Q909	0502-001178	TR-POWER;CPH6702,PNP,1300mW,CPH6,TP,200	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
Q910	0502-001178	TR-POWER;CPH6702,PNP,1300mW,CPH6,TP,200	
Q911	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q912	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q915	0501-000546	TR-SMALL SIGNAL;KSA1298,PNP,200mW,SOT-23	
Q916	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
Q919	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q923	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
Q926	0504-001035	TR-DIGITAL;KRA301,PNP,100MW,4.7K/4.7K,SO	
Q927	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
QA01	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QA02	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QA05	0504-001040	TR-DIGITAL;KRC403,NPN,100MW,22K/22K,SOT-	
QP01	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QP02	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QP03	0501-002128	TR-SMALL SIGNAL;KTC4075,NPN,100mW,USM,TP	
QP38	0504-001032	TR-DIGITAL;KRC404,NPN,100MW,47K/47K,SOT-	
QV01	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV02	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV03	0501-002171	TR-SMALL SIGNAL;KTA2014,PNP,100mW,SOT-32	
QV06	0501-000596	TR-SMALL SIGNAL;2SB970R,PNP,200mW,SOT-23	
R101	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R102	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R103	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R104	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R105	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R106	2007-000107	R-CHIP;470Kohm,5%,1/16W,DA,TP,1608	
R110	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R111	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R112	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R114	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R115	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R116	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R117	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R118	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R119	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R120	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R121	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R124	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R130	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R132	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R134	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R135	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R137	2007-000113	R-CHIP;33ohm,5%,1/16W,DA,TP,1608	
R140	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608	
R141	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R142	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
R143	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R144	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R145	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R147	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R148	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R149	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R151	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R152	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R153	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R154	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R155	2007-000643	R-CHIP;270ohm,5%,1/16W,DA,TP,1608	
R158	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R159	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R160	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R161	2007-001179	R-CHIP;8.2Kohm,5%,1/16W,DA,TP,1608	
R162	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R163	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R164	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R167	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
R168	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R169	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R170	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R171	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R172	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
R173	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R174	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R175	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R176	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R177	2007-000081	R-CHIP;2.7Kohm,5%,1/16W,DA,TP,1608	
R178	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R179	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
R180	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608	
R181	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R182	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R183	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R187	2007-000402	R-CHIP;150ohm,5%,1/16W,DA,TP,1608	
R188	2007-000118	R-CHIP;390ohm,5%,1/16W,DA,TP,1608	
R189	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R190	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R191	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R192	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R193	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
R194	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R195	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark	Loc. No	Part No	Desc & Spec	Remark
R196	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R536	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R197	2007-000129	R-CHIP;27Kohm,5%,1/16W,DA,TP,1608		R537	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R198	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608		R538	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R199	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608		R539	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
R200	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608		R540	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R201	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608		R541	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R202	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608		R542	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R203	2007-001134	R-CHIP;68ohm,5%,1/16W,DA,TP,1608		R543	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R205	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R544	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R208	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R545	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R209	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608		R546	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R211	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608		R547	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R212	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608		R548	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R215	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608		R549	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R401	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R550	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R402	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R551	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R403	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R552	2007-000755	R-CHIP;330Kohm,1%,1/16W,DA,TP,1608	
R404	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		R553	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R451	2007-000923	R-CHIP;470Kohm,1%,1/16W,DA,TP,1608		R554	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R452	2007-000563	R-CHIP;220Kohm,1%,1/16W,DA,TP,1608		R561	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R454	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R562	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R456	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R571	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R457	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608		R573	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R458	2007-000067	R-CHIP;15Kohm,1%,1/16W,DA,TP,1608		R575	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R511	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		R577	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R512	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R579	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R513	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R581	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R514	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608		R583	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R516	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R585	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R517	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		R587	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R518	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608		R588	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R519	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608		R589	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R520	2007-000503	R-CHIP;2.2ohm,5%,1/16W,DA,TP,1608		R590	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R521	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R591	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R522	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R593	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R523	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R594	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R524	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R595	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R525	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R601	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R526	2007-000483	R-CHIP;1OHM,5%,1/10W,DA,TP,2012		R602	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R527	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		R603	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R528	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608		R604	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R529	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608		R608	2007-000065	R-CHIP;2.2Mohm,5%,1/16W,DA,TP,1608	
R533	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		R609	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R534	2007-000130	R-CHIP;39Kohm,5%,1/16W,DA,TP,1608		R610	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R535	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		R611	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
R612	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R613	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R614	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R615	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R616	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R617	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R618	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R619	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R620	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R621	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R622	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R623	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R624	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R625	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R626	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R627	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R628	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R629	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R630	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R631	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R633	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R637	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R638	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R639	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R640	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R641	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R642	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R643	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R644	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R645	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R646	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R647	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R648	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R649	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R650	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R651	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R652	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R653	2007-000106	R-CHIP;220Kohm,5%,1/16W,DA,TP,1608	
R655	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
R656	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R657	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R658	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R659	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R660	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R662	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
R663	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R664	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R665	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R666	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R667	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R668	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R669	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R670	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R671	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R672	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R673	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R674	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
R675	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R676	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012	
R677	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
R679	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R680	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
R681	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R682	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R685	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R686	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
R687	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R688	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R690	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
R691	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R694	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R695	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
R696	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R697	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	
R698	2007-001125	R-CHIP;68Kohm,1%,1/16W,DA,TP,1608	
R699	2007-000060	R-CHIP;100Kohm,1%,1/16W,DA,TP,1608	
R701	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R702	2007-001096	R-CHIP;62Kohm,1%,1/16W,DA,TP,1608	
R703	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R704	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R705	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
R706	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R708	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R709	2007-000462	R-CHIP;18OHM,5%,1/10W,DA,TP,2012	
R710	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R711	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R713	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R714	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R716	2007-000691	R-CHIP;3.3Mohm,5%,1/16W,DA,TP,1608	
R717	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark	Loc. No	Part No	Desc & Spec	Remark
R718	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R937	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R719	2007-000121	R-CHIP;820ohm,5%,1/16W,DA,TP,1608		R939	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
R720	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		R940	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R721	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608		R941	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R722	2007-000708	R-CHIP;3.9Kohm,1%,1/16W,DA,TP,1608		R942	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R723	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		R943	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
R724	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		R944	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
R726	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608		R945	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R727	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R947	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R728	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R950	2007-000088	R-CHIP;7.5Kohm,5%,1/16W,DA,TP,1608	
R731	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608		R955	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R742	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		R958	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
R901	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		R960	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R902	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608		R961	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R903	2007-007203	R-CHIP;5.6Kohm,0.5%,1/16W,DA,TP,1608		RA01	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
R907	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RA03	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
R908	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RA06	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R909	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608		RA07	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R910	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		RD01	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R911	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RD02	2007-000079	R-CHIP;1.8Kohm,5%,1/16W,DA,TP,1608	
R912	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608		RD04	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
R913	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		RL01	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R914	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RL02	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R915	2007-001695	R-CHIP;22Kohm,0.5%,1/16W,DA,TP,1608		RL03	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R916	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608		RL04	2007-000104	R-CHIP;150Kohm,5%,1/16W,DA,TP,1608	
R917	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608		RL05	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
R918	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		RL06	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
R919	2007-001650	R-CHIP;8.2Kohm,0.5%,1/16W,DA,TP,1608		RL07	2007-000637	R-CHIP;270Kohm,5%,1/16W,DA,TP,1608	
R920	2007-001643	R-CHIP;100Kohm,0.5%,1/16W,DA,TP,1608		RL08	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
R921	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608		RL09	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R922	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		RL10	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R923	2007-001068	R-CHIP;6.8Kohm,1%,1/16W,DA,TP,1608		RL11	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R924	2007-001694	R-CHIP;12Kohm,0.5%,1/16W,DA,TP,1608		RL12	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R925	2007-000458	R-CHIP;18Kohm,5%,1/16W,DA,TP,1608		RL13	2007-000096	R-CHIP;30Kohm,5%,1/16W,DA,TP,1608	
R926	2007-001644	R-CHIP;10Kohm,0.5%,1/16W,DA,TP,1608		RL14	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R927	2007-000043	R-CHIP;1Kohm,1%,1/16W,DA,TP,1608		RL15	2007-000134	R-CHIP;33Kohm,5%,1/16W,DA,TP,1608	
R928	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608		RL16	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
R929	2007-001649	R-CHIP;4.7Kohm,0.5%,1/16W,DA,TP,1608		RL17	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R930	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RL18	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R931	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RL19	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
R932	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608		RL20	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
R933	2007-000093	R-CHIP;20Kohm,5%,1/16W,DA,TP,1608		RL21	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
R934	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608		RL22	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R935	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608		RL23	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R936	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608		RL24	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
RL25	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL26	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL27	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL28	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL29	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RL30	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL31	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL32	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RL33	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL34	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RL35	2007-000098	R-CHIP;56Kohm,5%,1/16W,DA,TP,1608	
RL38	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
RL39	2007-000450	R-CHIP;180ohm,5%,1/16W,DA,TP,1608	
RL43	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RP06	2007-000109	R-CHIP;1Mohm,5%,1/16W,DA,TP,1608	
RP07	2007-001042	R-CHIP;56ohm,1%,1/16W,DA,TP,1608	
RP08	2007-001042	R-CHIP;56ohm,1%,1/16W,DA,TP,1608	
RP09	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP10	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP11	2007-000287	R-CHIP;100OHM,1%,1/10W,DA,TP,1608	
RP12	2007-000309	R-CHIP;10ohm,5%,1/16W,DA,TP,1608	
RP13	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RP15	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP16	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP17	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RP18	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RP19	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
RP20	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RP21	2007-000120	R-CHIP;680ohm,5%,1/16W,DA,TP,1608	
RP23	2007-000040	R-CHIP;150ohm,1%,1/16W,DA,TP,1608	
RP24	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
RP25	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
RP26	2007-000122	R-CHIP;1.2Kohm,5%,1/16W,DA,TP,1608	
RP27	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP28	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP29	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RP30	2007-001090	R-CHIP;620ohm,1%,1/16W,DA,TP,1608	
RP300	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP302	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RP31	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RP32	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	
RP33	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP34	2007-000087	R-CHIP;6.8Kohm,5%,1/16W,DA,TP,1608	
RP35	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
RP36	2007-000052	R-CHIP;10Kohm,1%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RP37	2007-000455	R-CHIP;18Kohm,1%,1/16W,DA,TP,1608	
RP38	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RP50	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RP51	2007-000287	R-CHIP;100OHM,1%,1/10W,DA,TP,1608	
RP52	2007-000076	R-CHIP;330ohm,5%,1/16W,DA,TP,1608	
RP53	2007-000863	R-CHIP;4.3OHM,5%,1/10W,DA,TP,2012	
RP55	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RP56	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
RV01	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV02	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV03	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV04	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV05	2007-000763	R-CHIP;330ohm,1%,1/16W,DA,TP,1608	
RV06	2007-000099	R-CHIP;62Kohm,5%,1/16W,DA,TP,1608	
RV07	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RV12	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
RV14	2007-000124	R-CHIP;2.2Kohm,5%,1/16W,DA,TP,1608	
RV15	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV16	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RV17	2007-000086	R-CHIP;5.6Kohm,5%,1/16W,DA,TP,1608	
RV18	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RV19	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
RV20	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
RV21	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
RV24	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RV31	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
RV32	2007-000070	R-CHIP;0ohm,5%,1/16W,DA,TP,1608	
SW601	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW602	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW603	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW606	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
SW607	3404-001034	SWITCH-TACT;12V,50mA,160gf,4x7.4x1.8mm,S	
T901	AD26-00024A	TRANS POWER;CLQ52,W2-PJ,42UH,8P,6-9V,15V	
X601	2801-004146	CRYSTAL-SMD;20MHZ,30PPM,SX-3,18PF,30OHM,	
X602	2801-000258	CRYSTAL-UNIT;32.768KHz,20ppm,28-AAW,12.5	
XP01	2801-004141	CRYSTAL-SMD;28.636MHZ,18PPM,28-ABL,7.0PF	
ASSY-REAR BOARD;-W2-PJ,H18			
CN451	3710-001676	CONNECTOR-SOCKET;38P,2R,0.8mm,SMD-S,SN	
CN452	3710-001479	CONNECTOR-SOCKET;14P,2R,1MM,SMD-S,SN	
D451	0601-001418	LED;SMD,AMB,-,610nm	
Q451	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
R451	2007-000072	R-CHIP;47ohm,5%,1/16W,DA,TP,1608	
R452	2007-000102	R-CHIP;100Kohm,5%,1/16W,DA,TP,1608	
R466	2007-007948	R-CHIP;0.1ohm,1%,0.75W,DA,TP,5025	

Loc. No	Part No	Desc & Spec	Remark
R472	2007-000077	R-CHIP;470ohm,5%,1/16W,DA,TP,1608	
R473	2007-000071	R-CHIP;22ohm,5%,1/16W,DA,TP,1608	
R478	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
SW471	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
SW473	3404-001117	SWITCH-TACT;12V,50mA,130gf,8.0x3.7x2.5mm	
SW474	3404-001119	SWITCH-TACT;12V,50mA,130gf,6.2x6.2x2.6mm	
SW477	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
SW478	3409-001036	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
VR471	2102-001019	VR-SLIDE;10Kohm,30%,1/20W,SLIDE	
J452	AD97-01200A	ASSY-S-JACK;M1-PJ,-,-	
J452	AD97-03052A	ASSY-DC JACK;3P,W-PJ,DDSE-0056	
J453	3722-001202	JACK-PHONE;7P;3.6PI,AG,YEL,NO	
		ASSY-EVF BOARD;0.24,W3-PJ,NTSC	
CE01	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CE02	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE03	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE04	2203-000440	C-CERAMIC,CHIP;1nF,10%,50V,X7R,TP,1608,-	
CE05	2404-000284	C-TA,CHIP;10uF,20%,16V,-,TP,3528,-	
CE07	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CE08	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE10	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE11	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE12	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE13	2203-000975	C-CERAMIC,CHIP;47nF,10%,25V,X7R,TP,1608,	
CE14	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CE15	2404-000151	C-TA,CHIP;1uF,20%,16V,-,TP,3216,-	
CE16	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CE17	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE18	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE19	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CE20	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CNE01	3708-001680	CONNECTOR-FPC/FFC/PIC;6P,0.5MM,SMD-A,SN	
CNE02	3708-001076	CONNECTOR-FPC/FFC/PIC;20P,0.5MM,SMD-S,SN	
DE02	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
DE03	0404-000110	DIODE-SCHOTTKY;RB411D,20V,500mA,SOT-23,T	
DE04	0403-001421	DIODE-ZENER;KDZ2.7V,2.5~2.9V,150MW,SOD-3	
ICE01	1003-001373	IC-LCD DRIVER;MCVVQ111FB,LQFP,48P,276MIL	
LE01	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LE03	2703-000397	INDUCTOR-SMD;33uH,10%,2.5x2x1.8mm	
LED01	0601-001586	LED;CHIP,WHT,-,470NM	
QE02	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
RE01	2007-001125	R-CHIP;68Kohm,1%,1/16W,DA,TP,1608	
RE02	2007-001068	R-CHIP;6.8Kohm,1%,1/16W,DA,TP,1608	
RE05	2007-000772	R-CHIP;33Kohm,1%,1/16W,DA,TP,1608	

Loc. No	Part No	Desc & Spec	Remark
RE06	2007-000828	R-CHIP;39Kohm,1%,1/16W,DA,TP,1608	
RE07	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RE16	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RE17	2007-000082	R-CHIP;3.3Kohm,5%,1/16W,DA,TP,1608	
RE20	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RE21	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RE22	2007-000075	R-CHIP;220ohm,5%,1/16W,DA,TP,1608	
RE24	2007-000084	R-CHIP;4.7Kohm,5%,1/16W,DA,TP,1608	
RE25	2007-000097	R-CHIP;47Kohm,5%,1/16W,DA,TP,1608	
RE26	2007-000125	R-CHIP;3.9Kohm,5%,1/16W,DA,TP,1608	
RE29	2007-000091	R-CHIP;12Kohm,5%,1/16W,DA,TP,1608	
RE30	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
RE31	2007-000074	R-CHIP;100ohm,5%,1/16W,DA,TP,1608	
VRE02	2104-001007	VR-SMD;10Kohm,25%,0.15W,TOP	
		ASSY-LCD BOARD;2.5,W4-PJ,PAL	
CL101	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL102	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL103	2301-001108	C-FILM,CHIP;22nF,5%,50V,TP,3.2x2.5x1.4,3	
CL104	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
CL105	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
CL106	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL107	2404-001131	C-TA,CHIP;22uF,10%,10V,GP,TP,3528	
CL108	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL109	2203-005046	C-CERAMIC,CHIP;0.022nF,5%,3kV,NP0,TP,452	
CL201	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CL202	2404-000212	C-TA,CHIP;3.3uF,20%,25V,-,TP,3528,-	
CL203	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL204	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL205	2203-000483	C-CERAMIC,CHIP;1000nF,+80~20%,25V,Y5V,TP	
CL206	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL207	2404-000157	C-TA,CHIP;1uF,20%,35V,-,TP,3216,-	
CL208	2203-000189	C-CERAMIC,CHIP;100nF,+80~20%,25V,Y5V,TP,	
CL209	2203-000815	C-CERAMIC,CHIP;0.033nF,5%,50V,C0G,TP,160	
CL210	2203-000998	C-CERAMIC,CHIP;0.047nF,5%,50V,C0G,TP,160	
CL211	2404-001020	C-TA,CHIP;10uF,20%,10V,GP,TP,3216,3.2	
CL212	2203-002793	C-CERAMIC,CHIP;1000nF,+80~20%,25V,Y5V,TP	
CNL101	3708-001603	CONNECTOR-FPC/FFC/PIC;24P,0.5MM,SMD-A,SN	
CNL102	3708-001334	CONNECTOR-FPC/FFC/PIC;10P,0.8mm,SMD-A,SN	
CNL201	3708-001690	CONNECTOR-FPC/FFC/PIC;28P,0.5MM,SMD-A,SN	
DL201	0401-001054	DIODE-SWITCHING;KDS160,85V,300mA,SOD-323	
ICL201	0801-002732	IC-CMOS LOGIC;TC7WT126FU,INVERTER,SSOP,8	
ICL202	0801-002733	IC-CMOS LOGIC;TC7WT125FU,BUFFER,SSOP,8P,	
ICL203	0801-000301	IC-CMOS LOGIC;7W04,INVERTER,SSOP,8P,110M	
LL101	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	

Electrical Parts List

Loc. No	Part No	Desc & Spec	Remark
LL102	2703-000398	INDUCTOR-SMD;10uH,10%,3.2x2.5x2.2mm	
LL103	2703-001196	INDUCTOR-SMD;150uH,20%,7x7x3.2mm	
LL201	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LL202	2703-000396	INDUCTOR-SMD;10uH,10%,2.5x2x1.8mm	
LL203	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
LL204	2703-001883	INDUCTOR-SMD;22uH,10%,2.5x2x1.8mm	
QL101	0501-002310	TR-SMALL SIGNAL;HN1B04FU,PNP/NPN,200mW,U	
QL102	0504-001037	TR-DIGITAL;KRC401,NPN,100MW,4.7K/4.7K,SO	
QL103	0502-000435	TR-POWER;2SD1898Q,NPN,500mW,SOT-89,TP,1	
QL104	0502-000435	TR-POWER;2SD1898Q,NPN,500mW,SOT-89,TP,1	
QL201	0501-000552	TR-SMALL SIGNAL;2SA1774-Q,PNP,150mW,EM3,	
RL101	2007-000078	R-CHIP;1Kohm,5%,1/16W,DA,TP,1608	
RL102	2007-000123	R-CHIP;1.5Kohm,5%,1/16W,DA,TP,1608	
RL103	2007-000116	R-CHIP;120ohm,5%,1/16W,DA,TP,1608	
RL104	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL105	2007-000516	R-CHIP;2.7Kohm,1%,1/16W,DA,TP,1608	
RL106	2007-000094	R-CHIP;22Kohm,5%,1/16W,DA,TP,1608	
RL201	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RL202	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RL203	2007-000119	R-CHIP;560ohm,5%,1/16W,DA,TP,1608	
RL206	2007-000090	R-CHIP;10KOHM,5%,1/16W,DA,TP,1608	
RL207	2007-000092	R-CHIP;15Kohm,5%,1/16W,DA,TP,1608	
SWL101	3409-001035	SWITCH-DETECTOR;3~5V,50uA~10mA,2,30gf,LE	
TL101	AD26-82001C	TRANS-INVERTER;12.4X11X3.4,6V,101KHZ,843	
		ASSY-FUNCTION BOARD;FUNCTION,W4-PJ,LCD	
J470	3811-000389	WIRE-NO SHEATH CU;SPCW,300V,52.4mm,1/0.5	
R471	2004-000971	R-METAL;470ohm,1%,1/8W,AA,TP,1.8x3.2mm	
R472	2004-000413	R-METAL;18Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R473	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R474	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R475	2004-000971	R-METAL;470ohm,1%,1/8W,AA,TP,1.8x3.2mm	
R476	2004-000413	R-METAL;18Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R477	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
R478	2004-000798	R-METAL;33Kohm,1%,1/8W,AA,TP,1.8x3.2mm	
SW471	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW472	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW475	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW476	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW477	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
SW478	3404-001118	SWITCH-TACT;12V DC,50mA,130gf,5x6x4.3mm,	
CN471	3708-001564	CONNECTOR-FPC/FFC/PIC;19P,1mm,ANGLE,SN	
CN472	3708-001706	CONNECTOR-FPC/FFC/PIC;6P,1MM,ANGLE,SN	
CN473	3711-000826	CONNECTOR-HEADER;BOX,2P,1R,2mm,ANGLE,SN	
RM471	AD32-00010A	MODULE REMOCON;PIC-2604 SM1,37.9KHz,940n	

Loc. No	Part No	Desc & Spec	Remark
SW473	3404-001192	SWITCH-TACT;12V DC,50mA,130GF,7.3X6.72X7	
SW474	3404-001192	SWITCH-TACT;12V DC,50mA,130GF,7.3X6.72X7	
SW479	3409-001127	SWITCH-DETECTOR;5VDC,1mA,1,31gf,LEVER	
VR471	2101-001078	VR-ROTARY;1ohm,-,-,TOP	
		ADAPTOR-AC POWER;100/240V,50HZ/60HZ,-,-,	
C10	2203-000455	C-CERAMIC,CHIP;1NF,5%,50V,C0G,TP,2012	
C11	2301-001092	C-FILM,MPEF;100nF,20%,275V,BK,18x6x12,15	
C12	2401-003302	C-AL;47uF,20%,400V,GP,TP,18X31.5,7.	
C13	2401-003046	C-AL;47uF,20%,50V,WT,TP,6.3x11.2,5	
C14	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012	
C15	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012	
C16	2203-000716	C-CERAMIC,CHIP;3.3nF,10%,50V,X7R,TP,2012	
C30	2201-000828	C-CERAMIC,DISC;3.3NF,20%,400V,Y5U,TP,15X	
C50	2401-000133	C-AL;1000uF,20%,16V,GP,TP,10x20,5	
C51	2401-000037	C-AL;470uF,20%,16V,GP,TP,8x11.5,5	
C55	2203-000239	C-CERAMIC,CHIP;0.1NF,5%,50V,C0G,TP,2012	
C57	2203-002793	C-CERAMIC,CHIP;1000nF,+80-20%,25V,Y5V,TP	
C58	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C59	2203-000938	C-CERAMIC,CHIP;0.47NF,5%,50V,C0G,TP,2012	
C61	2203-000192	C-CERAMIC,CHIP;100nF,+80-20%,50V,Y5V,TP,	
C62	2401-000438	C-AL;10uF,20%,25V,GP,-,5x11,2mm	
C63	2203-000455	C-CERAMIC,CHIP;1NF,5%,50V,C0G,TP,2012	
CON1	3721-001034	PLUG-AC POWER;2P,-,-,NI	
CON2	3711-000900	CONNECTOR-HEADER;BOX,3P,1R,2.5mm,STRAIGH	
D10	0402-000137	DIODE-RECTIFIER;1N4007,1000V,1A,DO-41,TP	
D11	0402-000137	DIODE-RECTIFIER;1N4007,1000V,1A,DO-41,TP	
D12	0402-000137	DIODE-RECTIFIER;1N4007,1000V,1A,DO-41,TP	
D13	0402-000137	DIODE-RECTIFIER;1N4007,1000V,1A,DO-41,TP	
D14	0402-001041	DIODE-RECTIFIER;ERA22-10,1000V,500mA,MSR	
D15	0402-001041	DIODE-RECTIFIER;ERA22-10,1000V,500mA,MSR	
D50	0402-001062	DIODE-RECTIFIER;SF10SC9,90V,10A,FTO-220,	
D52	0407-000116	DIODE-ARRAY;DAP202K,80V,100mA,CK2-3,SOT-	
D53	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
D54	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
D55	0407-000114	DIODE-ARRAY;DAN202K,80V,100mA,CA2-3,SOT-	
F10	3601-000207	FUSE-CARTRIDGE;250V,1A,TIME-LAG,GLASS,5.	
IC10	1203-002180	IC-PWM CONTROLLER;5M0265,TO220F-4L,4P,39	
IC50	AC14-12006D	IC;KA431Z,TO-92,TAPING	
IC51	AC14-12001K	IC;KA324,-,-	
J10	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M	
J11	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M	
J50	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012	
J51	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M	
J52	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M	

Loc. No	Part No	Desc & Spec	Remark	Loc. No	Part No	Desc & Spec	Remark
J53	2007-000029	R-CHIP;0OHM,5%,1/10W,DA,TP,2012		R77	2007-000068	R-CHIP;470KOHM,5%,1/10W,DA,TP,2012	
J55	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M		R79	2007-001067	R-CHIP;6.8KOHM,1%,1/10W,DA,TP,2012	
J56	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M		R80	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012	
J57	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M		T10	AD26-00026A	TRANS POWER;AA-E6,AA-E6,1.4mH,6P,100-260	
J61	AC38-12001U	WIRE-JUMPER(H-WRAP);1007#26,120M/M		VR50	2101-001049	VR-ROTARY;500ohm,-,-,-	
L50	AC27-12001N	COIL CHOKE;10UH-15%,RA,K-30,Q80,150KHZ,-					
LF10	AC27-32001F	COIL-LINE FILTER;BSF-2123,20MH,2OHM,ST,-					
PC10	0604-000119	PHOTO-COUPLER;TR,200-400%,200mW,DIL-4,ST					
Q52	0501-000457	TR-SMALL SIGNAL;MMBT2222A,NPN,350MW,SOT-					
R00	2007-000477	R-CHIP;1MOHM,5%,1/10W,DA,TP,2012					
R10	2007-000481	R-CHIP;1MOHM,5%,1/8W,DA,TP,3216					
R11	2007-000481	R-CHIP;1MOHM,5%,1/8W,DA,TP,3216					
R13	2003-000771	R-METAL OXIDE(S);68Kohm,5%,2W,AA,TP,4x12					
R14	2007-000598	R-CHIP;22OHM,5%,1/8W,DA,TP,3216					
R15	2007-000768	R-CHIP;330OHM,5%,1/8W,DA,TP,3216					
R16	2007-000768	R-CHIP;330OHM,5%,1/8W,DA,TP,3216					
R17	2007-001212	R-CHIP;82KOHM,5%,1/8W,DA,TP,3216					
R18	2007-001212	R-CHIP;82KOHM,5%,1/8W,DA,TP,3216					
R19	2007-001212	R-CHIP;82KOHM,5%,1/8W,DA,TP,3216					
R20	2007-001212	R-CHIP;82KOHM,5%,1/8W,DA,TP,3216					
R21	2001-000374	R-CARBON;15OHM,5%,1/4W,AA,TP,2.4X6.4MM					
R30	2001-000739	R-CARBON;4.7MOHM,5%,1/8W,AA,TP,1.8X3.2M					
R30	2201-001005	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,11X					
R30A	2201-001005	C-CERAMIC,DISC;2.2NF,20%,400V,Y5U,TP,11X					
R50	2007-000472	R-CHIP;1KOHM,5%,1/8W,DA,TP,3216					
R51	2007-000472	R-CHIP;1KOHM,5%,1/8W,DA,TP,3216					
R53	2007-000868	R-CHIP;4.7KOHM,1%,1/10W,DA,TP,2012					
R54	2007-000868	R-CHIP;4.7KOHM,1%,1/10W,DA,TP,2012					
R55	2007-000312	R-CHIP;10OHM,5%,1/8W,DA,TP,3216					
R57	2007-000938	R-CHIP;47KOHM,1%,1/10W,DA,TP,2012					
R58	2007-001205	R-CHIP;82KOHM,1%,1/10W,DA,TP,2012					
R59	2007-000868	R-CHIP;4.7KOHM,1%,1/10W,DA,TP,2012					
R60	2007-000771	R-CHIP;33KOHM,1%,1/10W,DA,TP,2012					
R61	2007-000395	R-CHIP;150KOHM,5%,1/10W,DA,TP,2012					
R62	2007-001039	R-CHIP;56KOHM,5%,1/10W,DA,TP,2012					
R63	2007-000290	R-CHIP;100OHM,5%,1/10W,DA,TP,2012					
R64	2007-001205	R-CHIP;82KOHM,1%,1/10W,DA,TP,2012					
R65	2007-000868	R-CHIP;4.7KOHM,1%,1/10W,DA,TP,2012					
R66	2007-000406	R-CHIP;15KOHM,1%,1/10W,DA,TP,2012					
R68	2007-000572	R-CHIP;220OHM,5%,1/10W,DA,TP,2012					
R70	2007-000546	R-CHIP;20KOHM,5%,1/10W,DA,TP,2012					
R71	2007-000300	R-CHIP;10KOHM,5%,1/10W,DA,TP,2012					
R72	2007-000582	R-CHIP;22KOHM,1%,1/10W,DA,TP,2012					
R74	2007-001205	R-CHIP;82KOHM,1%,1/10W,DA,TP,2012					
R76	2005-000102	R-WIRE WOUND;0.1ohm,1%,1W,AA,TP,4.5x11mm					

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4. Schematic Diagrams

4-1 DC/DC Converter (Main) - - - - - 4-2

4-2 System Control (Main) - - - - - 4-3

4-3 Audio (Main) - - - - - 4-4

4-4 Pre-Amp (Main) - - - - - 4-5

4-5 Front - - - - - 4-6

4-6 Function - - - - - 4-7

4-7 EVF - - - - - 4-8

4-8 LCD - - - - - 4-9

4-9 CCD - - - - - 4-10

4-10 CAMERA (Main) - - - - - 4-11

4-11 USB - - - - - 4-12

Note

For schematic Diagram

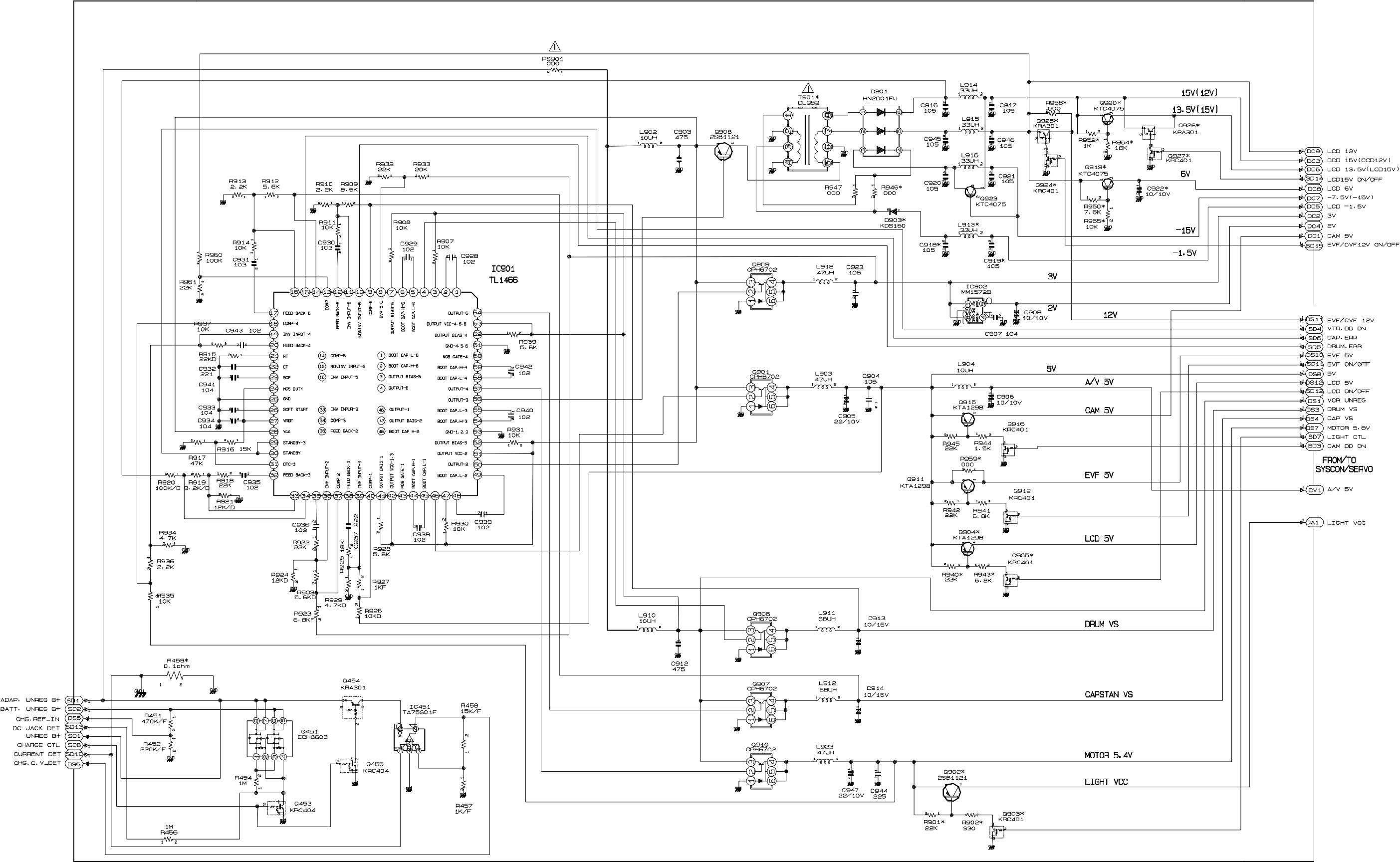
- Resistors are in ohms, 1/8W unless otherwise noted.
- Circled numbers refer to waveforms.

Special note :
Most semiconductor devices are electrostatically sensitive and therefore require the special handling techniques described under the “electrostatically sensitive (ES) devices” section of this service manual.

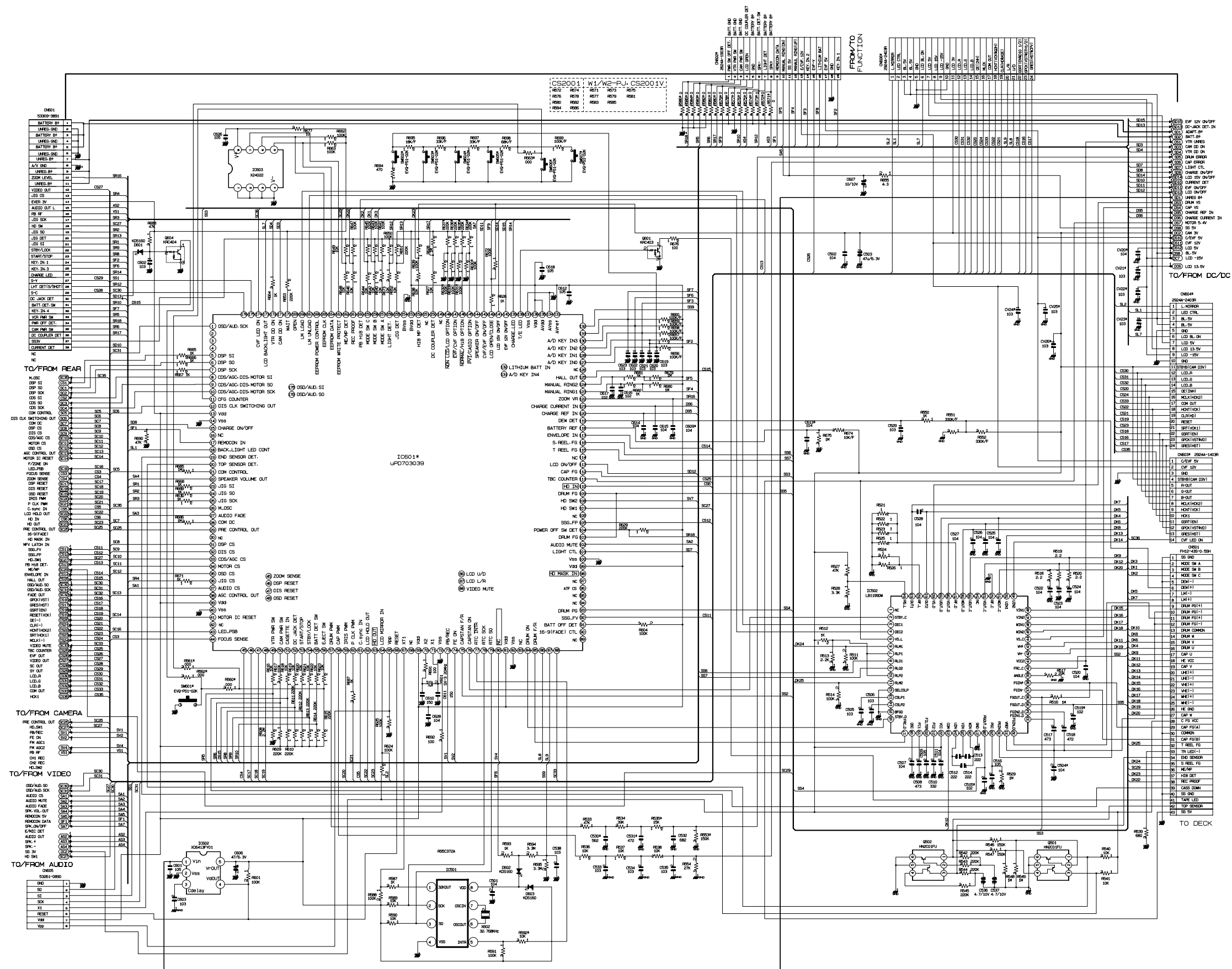
Note :
Do not use the part number shown on this drawing for ordering. The correct part number is shown in the parts list (may be slightly different or amended since this drawing was prepared).

Important safety notices :
Components identified with the mark ⚠ have the special characteristics for safety. When replacing any of these components. Use only the same type.

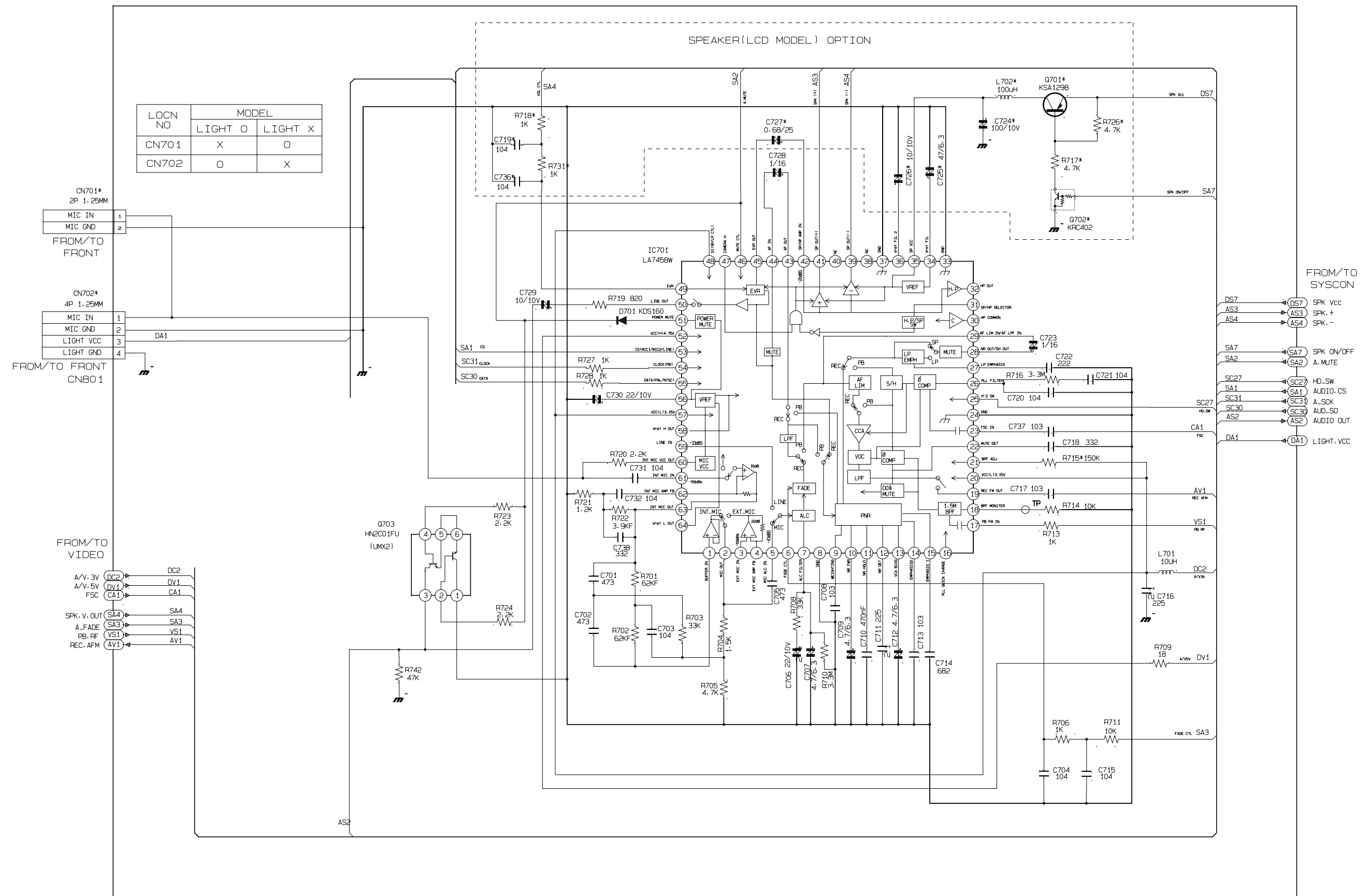
4-1 DC/DC Converter (Main)



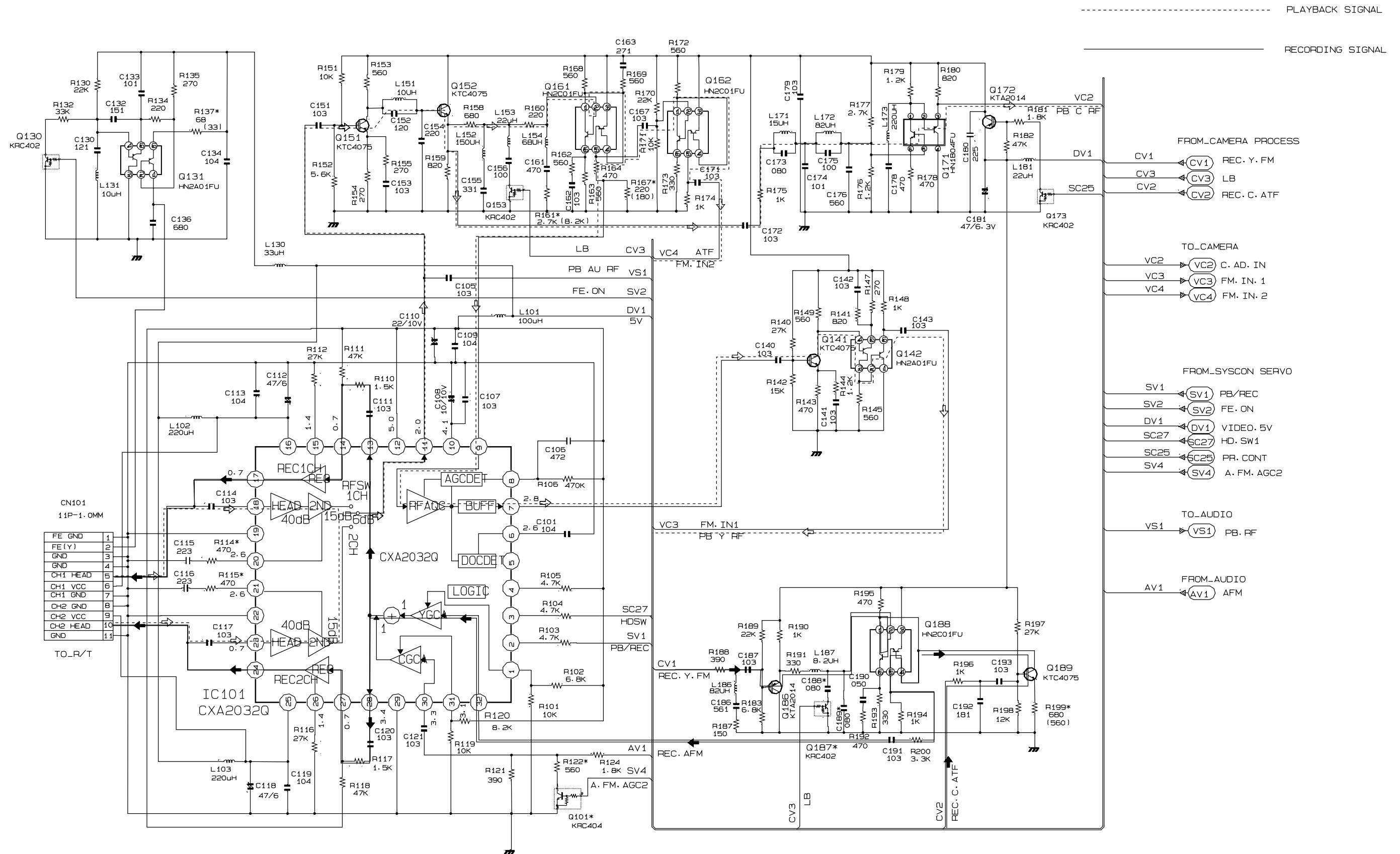
4-2 System Control (Main)



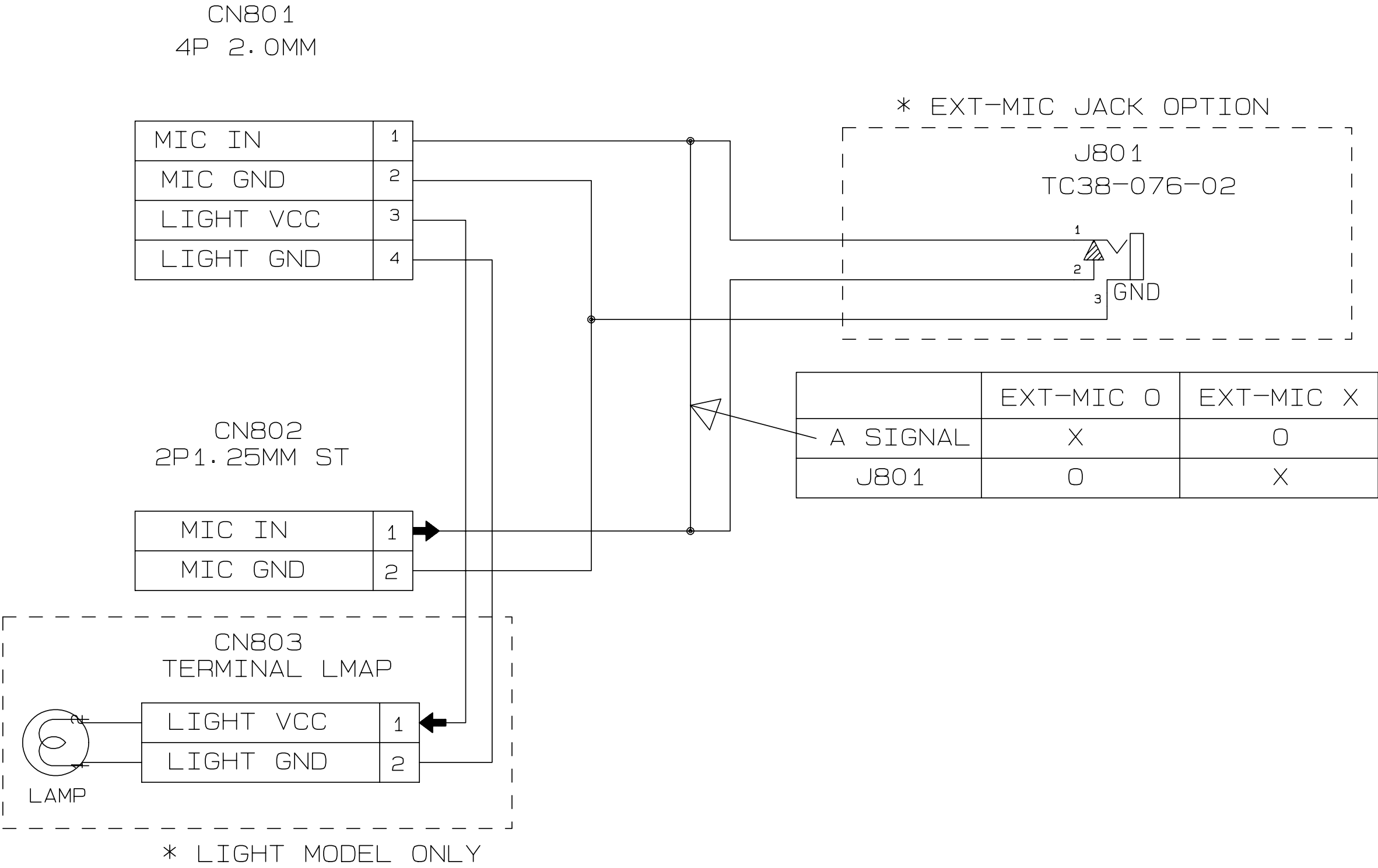
4-3 Audio (Main)



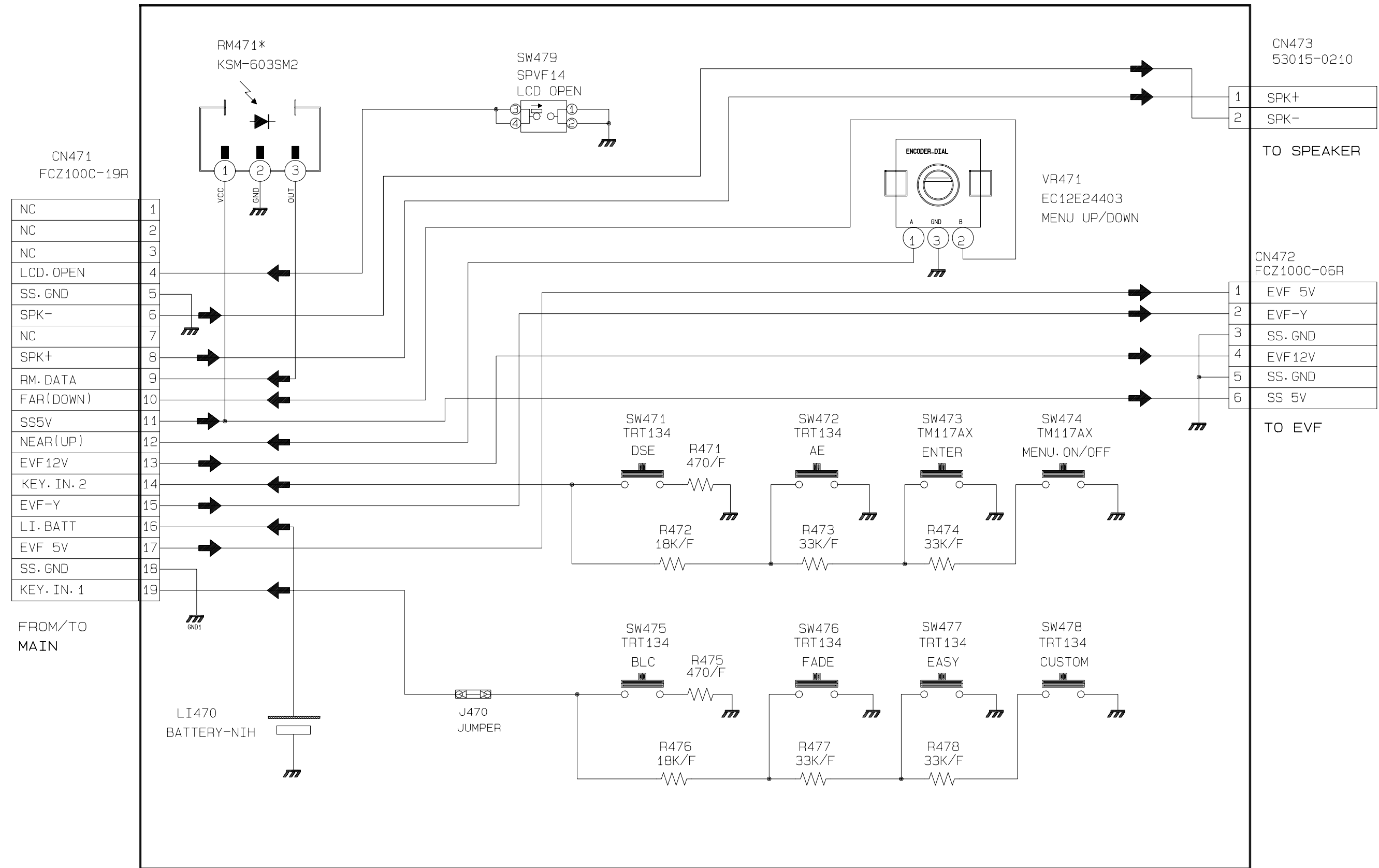
4-4 Pre-Amp (Main)



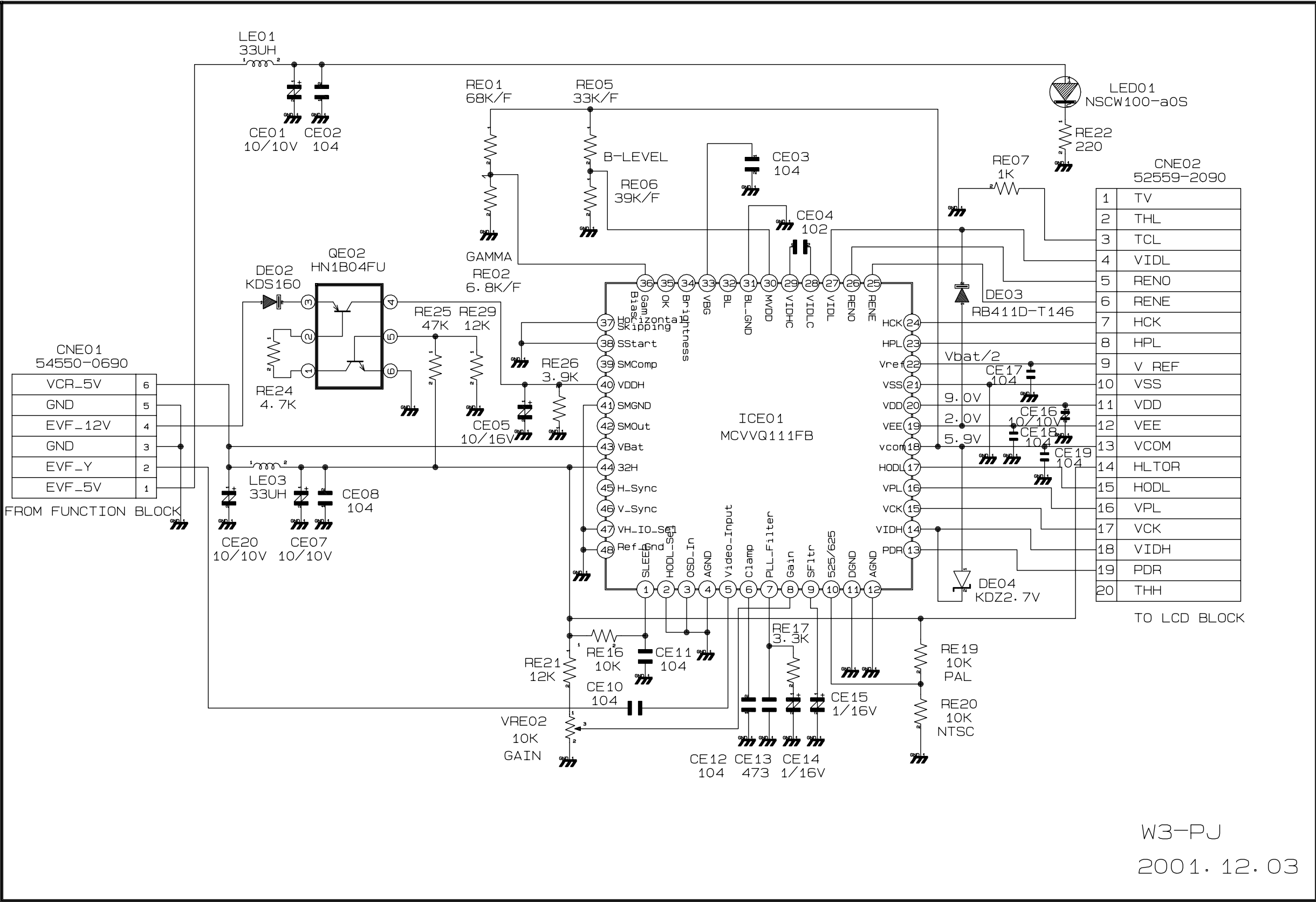
4-5 Front



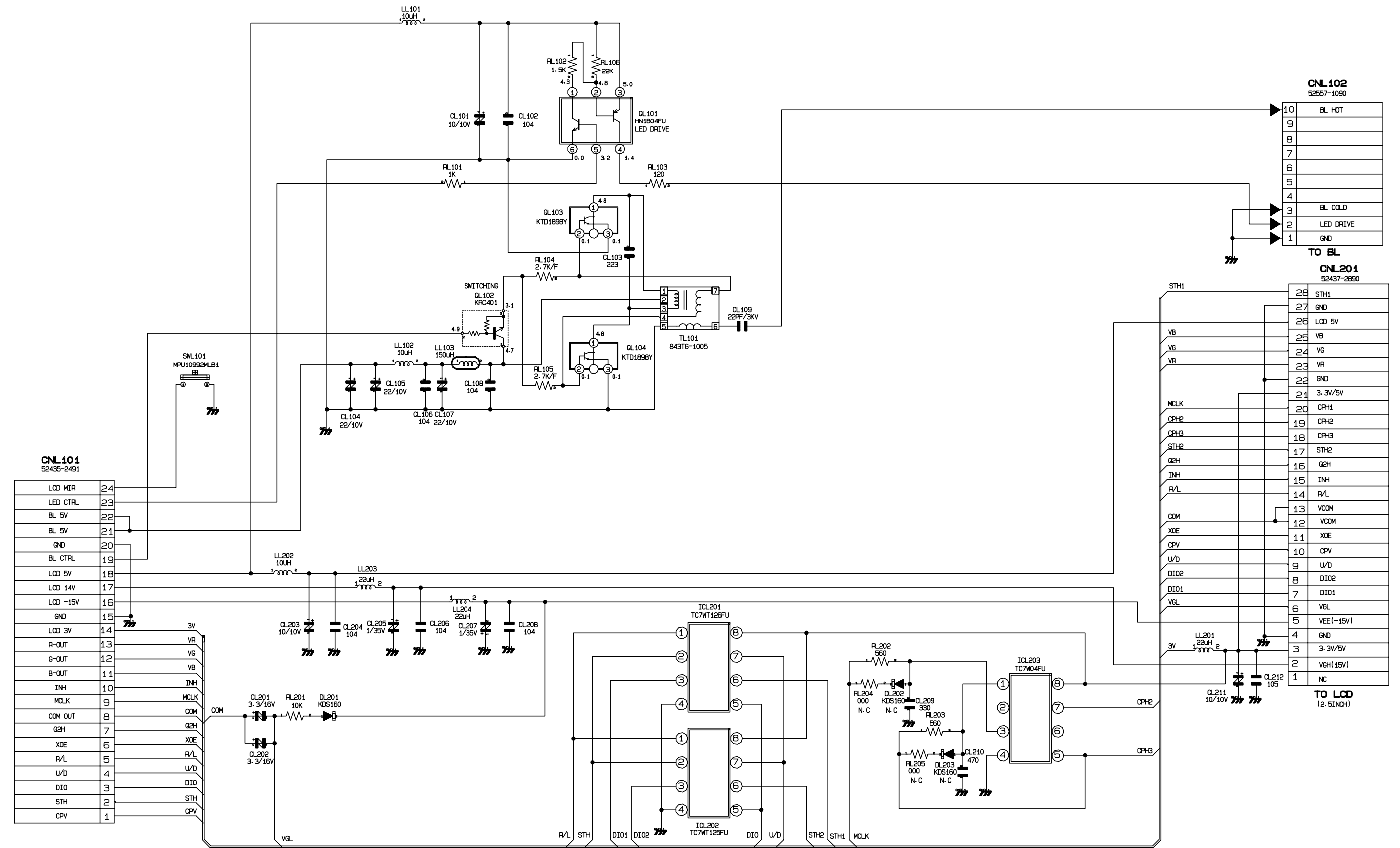
4-6 Function



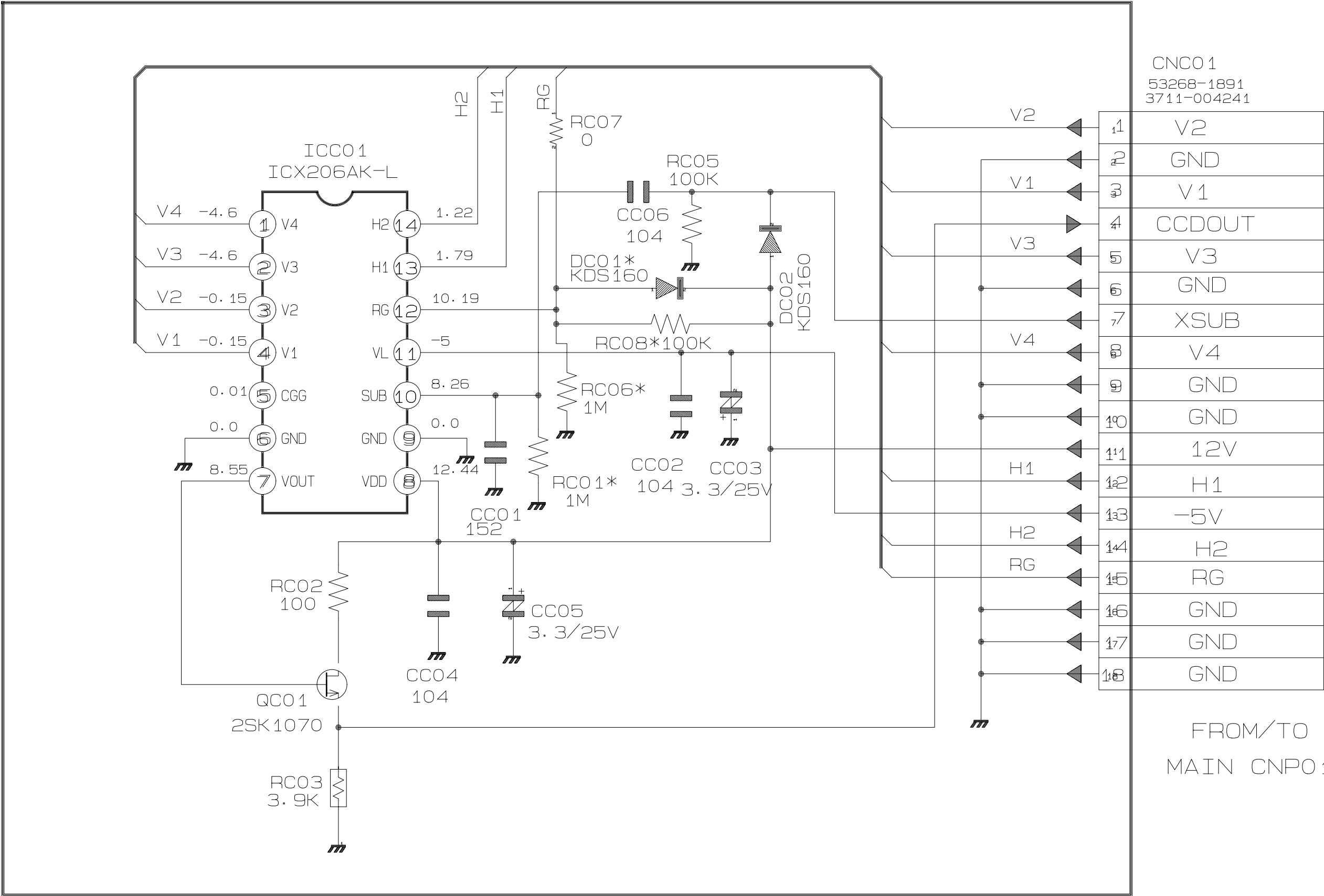
4-7 EVF

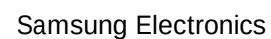


4-8 LCD



4-9 CCD





4-11 USB

