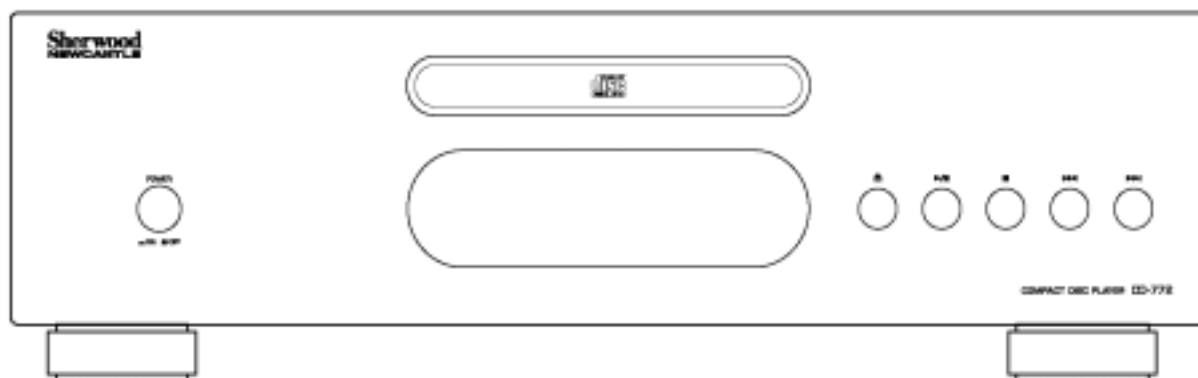


SERVICE MANUAL

CD-772

COMPACT DISC PLAYER



● CONTENTS ●

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- BLOCK DIAGRAM
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SPECIFICATION FOR CD

Measuring methods in conformity with EIAJ CP-307, CCIR 468-3
Measurements conditions,unless otherwise noted : Reference level : 0dB
Reference frequency :1kHz, 0dB = A-BEX TCD-784(TEAC MCD-111A)
The test point is at **TAPE RECOUT** terminal, **HEADPHONE OUTPUT (ONLY Korea)**
Test disc : A-BEX TCD-784 (TEAC MCD-111A), A-BEX TCD-721R
 A-BEX TCD-712 (TEAC MCD-142A), A-BEX TCD-713 (TEAC MCD-143A)
 A-BEX TCD-731RA(TEAC MCD-151A), A-BEX TCD-725B (TEAC MCD-131)
 TEAC MCD-F231 , TEAC MCD-F251
 TEAC MCD-F242 , MP3 : ABEX SCD-4419(F1_320K)



No.	DESCRIPTION		SIGNAL	INPUT	TRACK	UNIT	NOMINAL	LIMIT
1	OUTPUT LEVEL		1kHz	0dB	2	V	2±0.2	±0.3
2	CHANNEL UNBALANCE		1kHz	0dB	2	dB	±0.5	±1.0
3	FREQUENCY RESPONSE		20Hz	0dB	3	dB	±0.5	±1.0
			100Hz	0dB	4	dB	±0.5	±1.0
			10kHz	0dB	5	dB	±0.5	±1.0
			20kHz	0dB	6	dB	±1.0	±1.5
4	S/N RATIO WTD "A" FILTER		1kHz	0dB	7	dB	≥95	≥92
5	TOTAL HARMONIC DISTORTION		1kHz	0dB	2	%	≤0.007	≤0.01
	WTD "A" FILTER		20Hz	0dB	3	%	≤0.007	≤0.01
			100Hz	0dB	4	%	≤0.007	≤0.01
			10kHz	0dB	5	%	≤0.01	≤0.03
			20kHz	0dB	6	%	≤0.03	≤0.05
6	CHANNEL SEPARATION		1kHz	0dB	8/10	dB	≥90	≥87
	WTD "20kHz" FILTER		10kHz	0dB	9/11	dB	≥80	≥75
7	DE-EMPHASIS		5kHz	-4.53dB	12	dB	±0.5	±1.0
			16kHz	-9.04dB	13	dB	±1.0	±2.0
8	DYNAMIC RANGE WTD"20kHz"FILTER		1kHz	-60dB	17	dB	≥95	≥92
9	HEADPHONE OUTPUT	32Ω LOAD(VOL64)	1kHz	0dB	2	V	1.25±0.2	±0.3
10	ACCESS TIME	SHORT TIME				sec	≤5	≤10
		LONG TIME				sec	≤8	≤15

No.	DESCRIPTION		SIGNAL	INPUT	TRACK	UNIT	NOMINAL	LIMIT
11	DISC DEFECTS	BLACK DOT	TCD-725B(MCD-131)		8~9	um	≥800	≥600
		INTERRUPT	TCD-725B(MCD-131)		3~4	um	≥800	≥700
		FINGERPRINT	TCD-725B(MCD-131)		13~15	um	≥75	≥65
		SCRATCH	TCD-721R		3~4	um	≥800	≥600
12	DISC DEVIATIONS	VERTICAL	TCD-731RA(MCD-151A)			um	≥1000	≥500
		RADIAL	TCD-712/TCD-713			um	≥210	≥140
			(MCD-142A/MCD-143A)					

👉

CD-RW

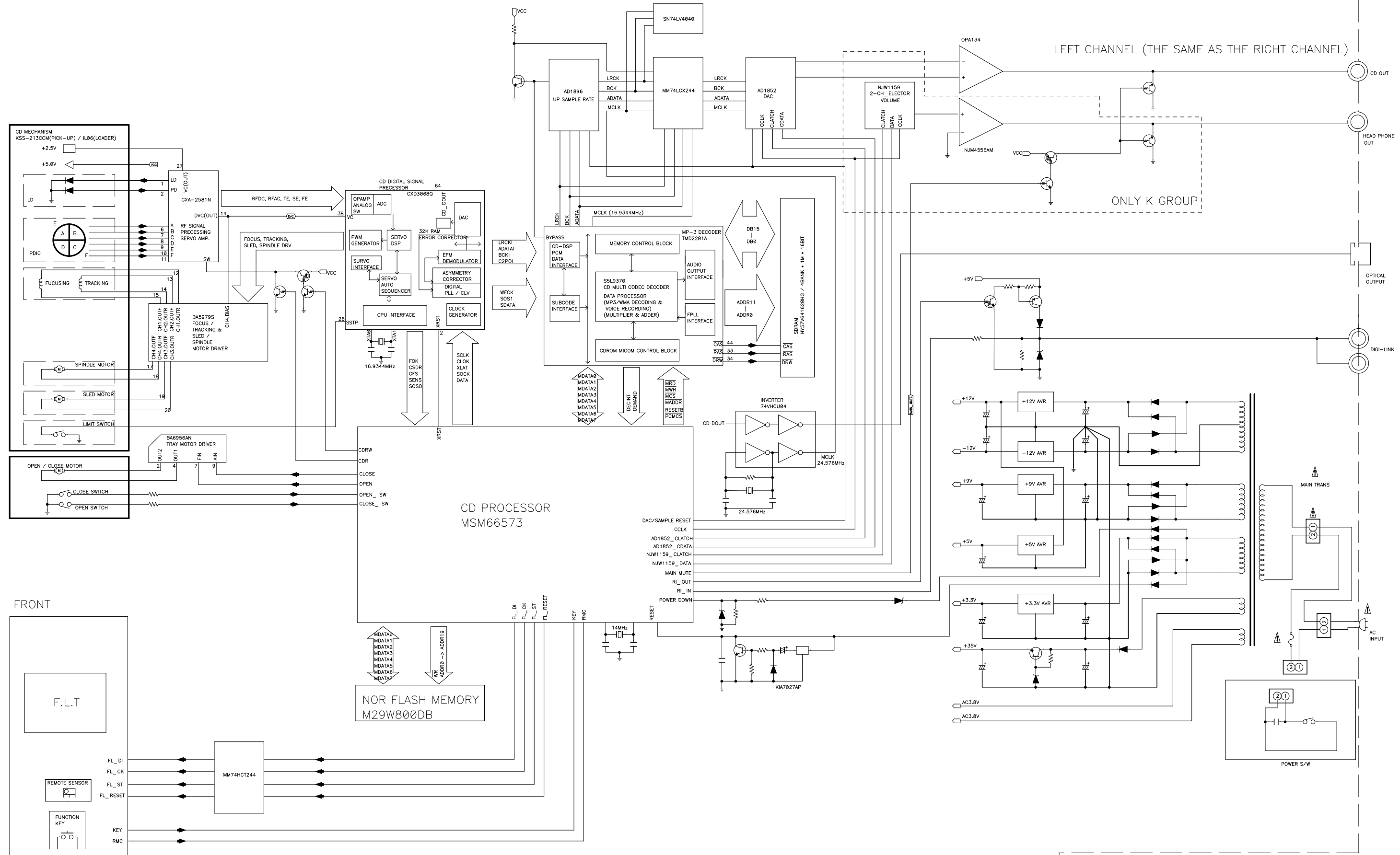
No.	DESCRIPTION		SIGNAL	INPUT	TRACK	UNIT	NOMINAL	LIMIT
1	DISC DEFECTS	BLACK DOT	MCD-F231		14~17	um	≥800	≥600
		FINGERPRINT	MCD-F231		18	um	≥75	≥65
2	DISC DEVIATIONS	VERTICAL	MCD-F251			um	≥1000	≥500
		RADIAL (ECCENTRIC)	MCD-F241			um	≥140	≥70
			MCD-F242					

👉

MP3

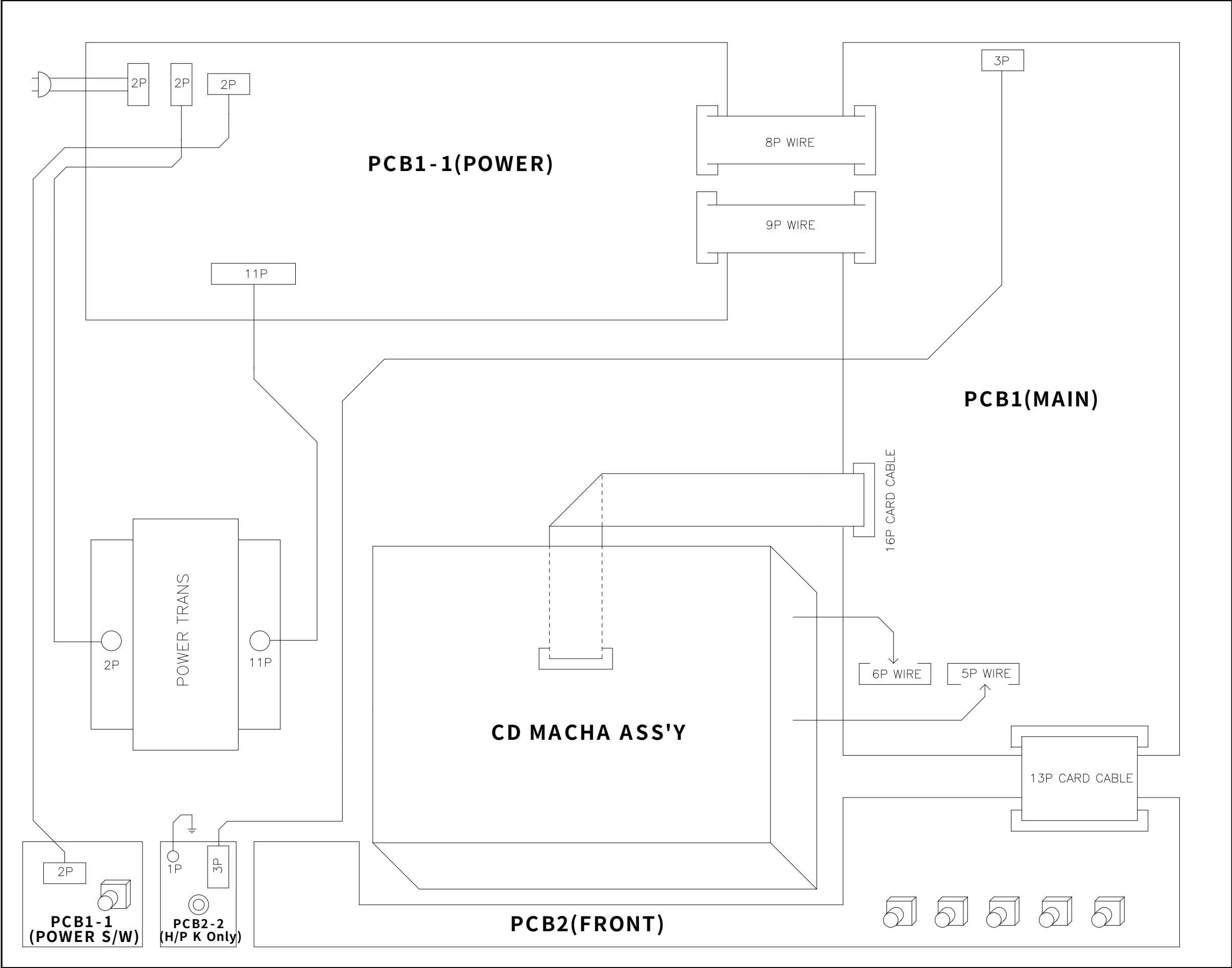
No.	DESCRIPTION		SIGNAL	INPUT	TRACK	UNIT	NOMINAL	LIMIT
1	OUTPUT LEVEL		1kHz	0dB	2	V	2±0.2	±0.3
2	CHANNEL UNBALANCE		1kHz	0dB	2	dB	±0.5	±1.0
3	FREQUENCY RESPONSE		20Hz	0dB	3	dB	±0.5	±1.0
			100Hz	0dB	4	dB	±0.5	±1.0
			10kHz	0dB	6	dB	±0.5	±1.0
			20kHz	0dB	7	dB	±1.0	±1.5
4	S/N RATIO WTD "A" FILTER			0dB	8	dB	≥90	≥85
5	TOTAL HARMONIC DISTORTION WTD "A" FILTER		100Hz	0dB	4	%	≤0.007	≤0.01
			1kHz	0dB	5	%	≤0.007	≤0.01
			10kHz	0dB	6	%	≤0.01	≤0.03
			20kHz	0dB	7	%	≤0.03	≤0.05
6	CHANNEL SEPARATION		1kHz	0dB	9/11	dB	≥85	≥80
	WTD "20kHz" FILTER		10kHz	0dB	10/12	dB	≥80	≥75

Model : CD - 772



WIRING DIAGRAM

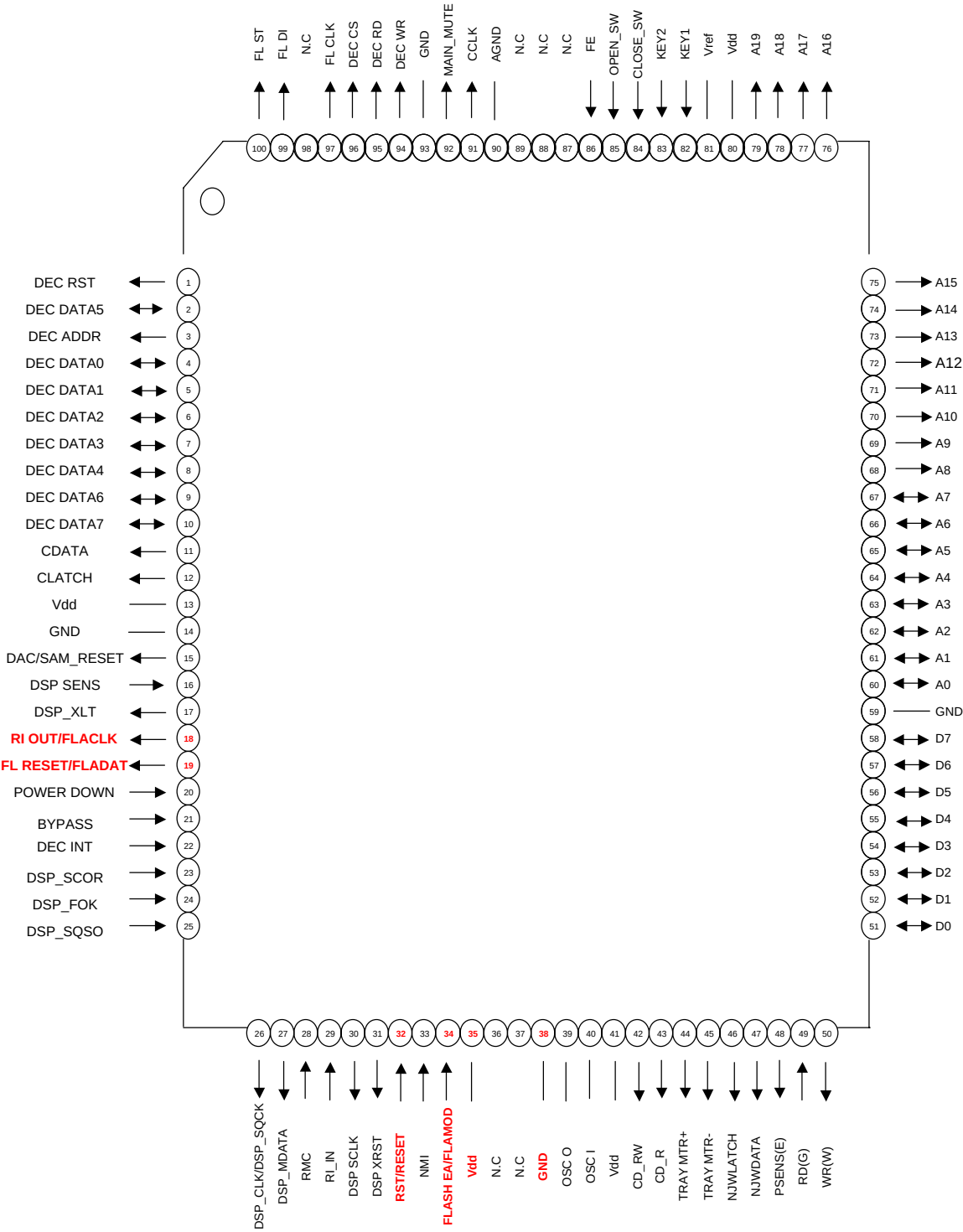
Model : CD - 772



CIRCUIT DESCRIPTION

MSM66Q573L-145TB : IC210

1. Pin Description



1.3 Block Diagram

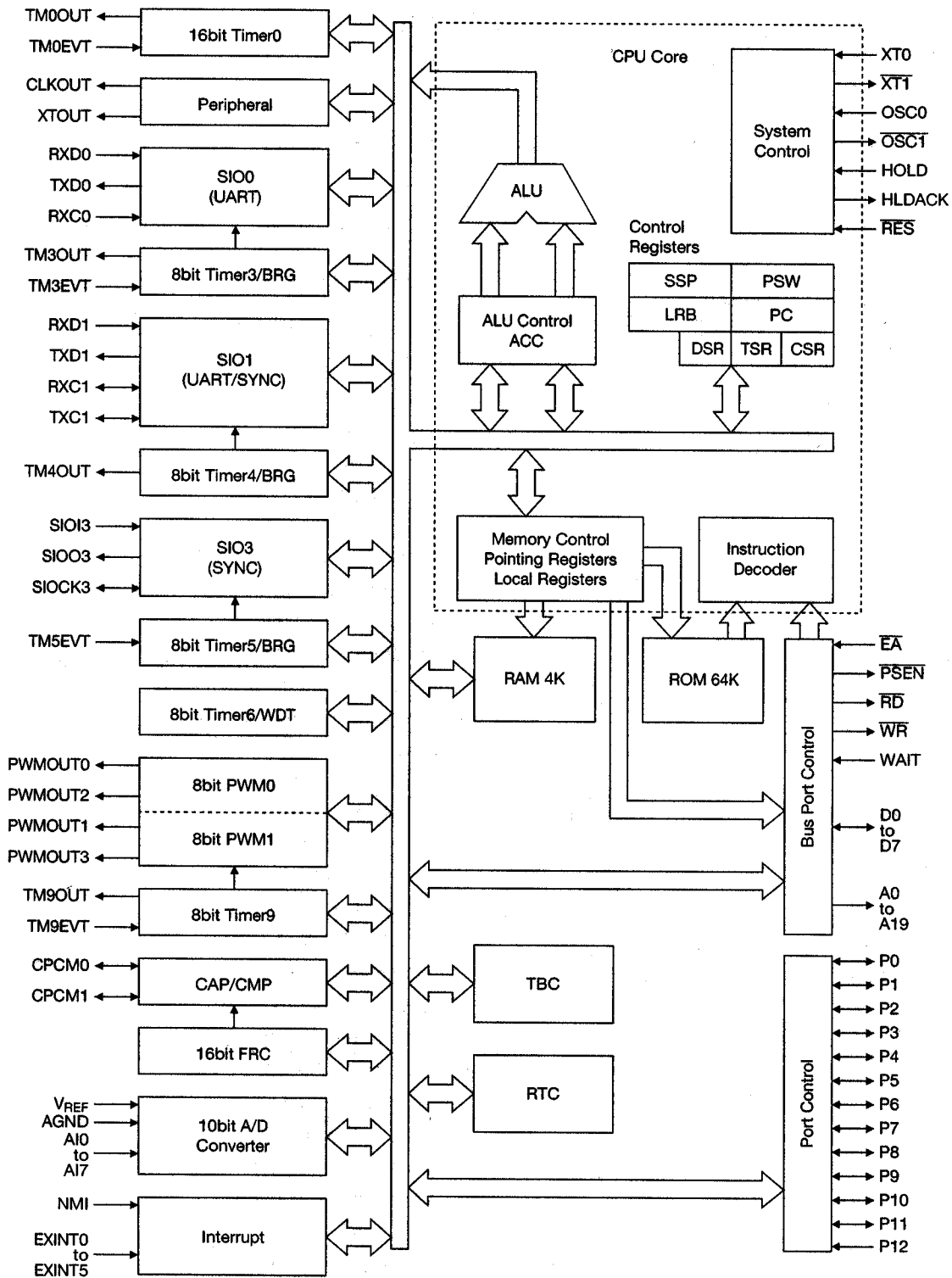


Figure 1-1 MSM66573 Family Block Diagram

1.5 Pin Descriptions

1.5.1 Description of Each Pin

1

Table 1-2 lists the function of each pin in the MSM66573 family.
In the I/O column, "I" indicates an input pin, "O" indicates an output pin, and "I/O" indicates an I/O pin.

Table 1-2 Pin Descriptions (1/3)

Classification	Pin name	Function			
		I/O	Primary function	I/O	Secondary function
Port	P0_0/D0 to P0_7/D7	I/O	8-bit I/O port 10 mA sink capability Pull-up resistors can be specified for each individual bit	I/O	External memory access Data I/O port
	P1_0/A8 to P1_7/A15	I/O	8-bit I/O port Pull-up resistors can be specified for each individual bit	O	External memory access Address output port
	P2_0/A16 to P2_3/A19	I/O	4-bit I/O port Pull-up resistors can be specified for each individual bit	O	External memory access Address output port
	P3_1/ $\overline{\text{PSEN}}$	I/O	3-bit I/O port 10 mA sink capability Pull-up resistors can be specified for each individual bit	O	External program memory access Read strobe output pin
	P3_2/ $\overline{\text{RD}}$			O	External memory access Read strobe output pin
	P3_3/ $\overline{\text{WR}}$			O	External memory access Write strobe output pin
	P4_0/A0 to P4_7/A7	I/O	8-bit I/O port Pull-up resistors can be specified for each individual bit	O	External memory access Address output port
	P5_4/CPCM0	I/O	4-bit I/O port Pull-up resistors can be specified for each individual bit	I/O	Capture 0 input/ Compare 0 output pin
	P5_5/CPCM1			I/O	Capture 1 input/ Compare 1 output pin
	P5_6/TM0OUT			O	Timer 0 timer output pin
	P5_7/TM0EVT			I	Timer 0 external event input pin
	P6_0/EXINT0	I/O	8-bit I/O port Pull-up resistors can be specified for each individual bit	I	External interrupt 0 input pin
	P6_1/EXINT1			I	External interrupt 1 input pin
	P6_2/EXINT2			I	External interrupt 2 input pin
	P6_3/EXINT3			I	External interrupt 3 input pin
	P6_4 to P6_7			—	None

Table 1-2 Pin Descriptions (2/3)

Classification	Pin name	Function			
		I/O	Primary function	I/O	Secondary function
Port	P7_0/RXD0	I/O	7-bit I/O port Pull-up resistors can be specified for each individual bit	I	SIO0 receive data input pin
	P7_1/TXD0			O	SIO0 transmit data output pin
	P7_2/RXC0			I	SIO0 external clock input pin
	P7_4/TM3OUT			O	Timer 3 timer output pin
	P7_5/TM3EVT			I	Timer 3 external event input pin
	P7_6/PWM0OUT			O	PWM0 output pin
	P7_7/PWM1OUT			O	PWM1 output pin
	P8_0/RXD1	I/O	7-bit I/O port Pull-up resistors can be specified for each individual bit	I	SIO1 receive data input pin
	P8_1/TXD1			O	SIO1 transmit data output pin
	P8_2/RXC1			I/O	SIO1 receive clock I/O pin
	P8_3/TXC1			I/O	SIO1 transmit clock I/O pin
	P8_4/TM4OUT			O	Timer 4 timer output pin
	P8_6/PWM2OUT			O	PWM2 output pin
	P8_7/PWM3OUT			O	PWM3 output pin
	P9_0/EXINT4	I/O	5-bit I/O port Pull-up resistors can be specified for each individual bit	I	External interrupt 4 input pin
	P9_1/EXINT5			I	External interrupt 5 input pin
	P9_2, P9_3			—	None
	P9_7/HLDACK			O	HOLD mode output pin
	P10_0/SIOCK3	I/O	7-bit I/O port Pull-up resistors can be specified for each individual bit	I/O	SIO3 transmit-receive clock I/O pin
	P10_1/SIOI3			I	SIO3 receive data input pin
	P10_2/SIOO3			O	SIO3 transmit data output pin
	P10_3 to P10_5			—	None
	P10_7/TM5EVT			I	Timer 5 external event input pin
	P11_0/WAIT	I/O	6-bit I/O port 10 mA sink capability Pull-up resistors can be specified for each individual bit	I	External data memory access wait input pin
	P11_1/HOLD			I	HOLD mode request input pin
	P11_2/CLKOUT			O	Main clock pulse output pin
	P11_3/XTOUT			O	Subclock pulse output pin
	P11_6/TM9OUT			O	Timer 9 timer output pin
	P11_7/TM9EVT			I	Timer 9 external event input pin
	P12_0/AI0 to P12_7/AI7	I	8-bit input port	I	A/D converter analog input port

Table 1-2 Pin Descriptions (3/3)

1

Classification	Pin name	I/O	Function
Power supply	V _{DD}	I	Power supply pin Connect all VDD pins to the power supply.
	GND	I	GND pin Connect all GND pins to GND.
	V _{REF}	I	Analog reference voltage pin
	AGND	I	Analog GND pin
Oscillation	XT0	I	Subclock oscillation input pin Connect to a crystal oscillator of $f = 32.768$ kHz.
	XT1	O	Subclock oscillation output pin Connect to a crystal oscillator of $f = 32.768$ kHz. The clock output is opposite in phase to XT0.
	OSC0	I	Main clock oscillation input pin Connect to a crystal or ceramic oscillator. Or, input an external clock.
	OSC1	O	Main clock oscillation output pin Connect to a crystal or ceramic oscillator. The clock output is opposite in phase to OSC0. Leave this pin unconnected when an external clock is used.
Reset	RES	I	Reset input pin
Others	NMI	I	Non-maskable interrupt input pin
	EA	I	External program memory access input pin If the EA pin is enabled (low level), the internal program memory is masked and the CPU executes the program code in external program memory through all address space.

TROUBLESHOOTING

A) POWER Check		
1. Power Check -> Power ON		CP206,CP207
B) MICOM Check (IC 210/ MAIN B'D)		
1. MICOM +3.3V Check	IC210	13,35,41,80,81Pin
2. Micom Power Down Port Check		22Pin
3. Crystal oscillator Check	14MHz	X201
4. Reset Check		32Pin
C) LOADER Check		
1. Loader Check		CP208,CP209,CP210
		Q208 BASE(HIGH)
		IC201 28Pin(RFDC)
		IC210 24Pin(HIGH)

Symptom	Cause and Remedy	Ref NO.
Power ON Failure	A) POWER Check B) MICOM Check 1. VDD Check 2. RESET Check	CP206,CP207 13,35,41,80,81Pin 22Pin
FLT Failure	A) FLT POWER Check B) MICOM Check 1. Micom Data Check (FL_CLK,FL_DI,FL_ST,FL_RESET) 2. Front FLT Check	CN206,CP201,CP601 19,97,99,100Pin CP601
"Open/Close" Failure	A) POWER Check B) MICOM Check C) LOADER Check	
Audio Out Failure 1. L/R JACK NO OUT A)->B)->1)->2)->3)->4)->5)	A) POWER Check B) LOADER Check 1. IC207(TMD2201A) Audio Data Out Check 2. IC209(AD1986) Audio Data In/Out Check	47,48,49Pin 4,5,6,23,24,25Pin

Symptom	Cause and Remedy	Ref NO.
2. H/P Out AND Volume Failure (ONLY DOM GROUP) A)->B)->1)->2)->3)->6)->7)->8)->9)	3. IC222 D/A Converter Audio data In Check 1) LRCK Check (44.1KHz) ->Only DOM Group 2) LRCK Check (44.1KHz/192KHz) ->Only A/G Group -REMASTERING Active (LRCK -> 192KHz) -REMASTERING NO Active (LRCK -> 44.1KHz) 4. IC218,219 OP-Amp In/Out Signal Check 5. Mute Check 6. IC210 Micom Data Check 7. IC224 Volume IC In/Out Signal Check 8. IC223 OP-Amp In/Out Siganl Check 9. MUTE Check	2,25,26,27Pin Q208 BASE(HIGH) Q208 BASE(LOW) Q208 BASE(HIGH) 2,3,7Pin Q115 BASE LOW -> MUTE HIGH -> NO MUTE 46,47,91Pin 1,5,9,10Pin 1,2,3,6,7,8Pin Q115 BASE LOW -> MUTE HIGH -> NO MUTE
Remastering Failure (ONLY A/G GROUP)	1. Micom(IC210) Check 2. IC209(AD1986) Audio Data In/Out Check 3. IC222(AD1852) Check	21Pin Q208 BASE(HIGH) 4,5,6,23,24,25Pin 25Pin(Frequency->192KHz)
Optical Out Failure	A) POWER Check C) LOADER Check 1. Main BD Optical Signal Check 2. IC203(CXD3068Q) Digital Out Check 3. IC220(74VHCU04) In/Out Check	Optical Jack 64Pin 1,2,3,4Pin
Key, Remocon Failure	1. Main BD Check 2. Front BD Check 3. Micom(IC210) Check	CP201 CP601 28,82,83Pin
Digi-Link Failure	1. Digi-Link Jack Check 2. Micom(IC210) Check	Signal Data Check 28,29Pin
Check Micom Version	1. Power On 2. Pushing Front Stop Key ,Push Remocn Stop Key (More 4 Seconds, Version Check) 3. Push Next Key -> FLT ALL Light 4. Push Next Key -> Tray Open	

★ MECHANICAL PARTS LIST (CD-772)

♣ Parts without Parts No. are not supplied.

No.	DESCRIPTION	Q'TY	PARTS No.	VER.
PACKAGE				
	INSTRUCTION MANUAL	1	5707000000080S	G
	INSTRUCTION MANUAL	1	5707000000350S	K
	BOX, GIFT	1	6007210750000S	G
	BOX, GIFT	1	6007210750010S	K
	CUSHION, SNOW	1	6230211274000S	
	PE, SHEET 750*1460/SET	1	6327040059000S	
	POLY BAG, 330*240*0.05	1	6337040062010S	
	REMOCON, RC112	1	8300324000010S	
	BATTERY, AAA	2	G670001R50210S	
CABINET & CHASSIS				
1	BADGE, INKEL AL SP/SILVER	1	5630210268000S	K-T
	BADGE, INKEL AL/GOLD	1	5630210268010S	K-B/K-G
	BADGE, SILVER_BLACK	1	5637210058040S	G-T
2	PANEL, FRONT	1	3067212698010S	G-T
	PANEL, FRONT	1	3067212698100S	K-B
	PANEL, FRONT	1	3067212698110S	K-G
	PANEL, FRONT	1	3067212698120S	K-T
3	WINDOW, DISPLAY	1	5070212253000S	
4	BODY, FRONT	1	3417210171000S	G-T/K-T
	BODY, FRONT	1	3417210171100S	K-B/K-G
5	BUTTON, 5Key	1	5097213121000SZ	G-T/K-T
	BUTTON, 5Key	1	5097213121100SZ	K-B/K-G
6	FLT	1	K530161400010S	
7	FLT HOLDER	1	4010212386000S	
8	KNOB ASS'Y, POWER	1	5088210818000SZ	G-T/K-T
	KNOB ASS'Y, POWER	1	5088210818020SZ	K-G
	KNOB ASS'Y, POWER	1	5088210818030SZ	K-B
9	HEAD PHONE, JACK	1	G402040161330S	A ONLY
10	POWER BUTTON	1	G000122006060S	
11	PCB ASS'Y, FRONT	1		
12	CUSHION, TRANS SCREW	2	4050211205000S	
13	POWER TRANS, 230V/50Hz	1	8200660400110S	G
	POWER TRANS, 220V/60Hz	1	8200660400130S	K
14	FOOT ASS'Y, Titan Stamp	4	4008210221000SZ	G-T/K-T
	FOOT ASS'Y, Gold Stamp	4	4008210221010SZ	K-B/K-G

No.	DESCRIPTION	Q'TY	PARTS No.	VER.
15	BRACKET, MAIN BKT	2	4010212636000S	
16	ACETATE TAPE	2	1220210059010S	
17	CHASSIS, MAIN	1	3200211586200S	
18	PCB ASS'Y, MAIN	1		
19	OPTICAL, JACK	1	E100116500030S	
20	JACK 2PIN(AUDIO)	1	G601207BEG02YS	
21	JACK 2PIN(DIGILINK)	1	G601207BEG11YS	
22	CHASSIS, BACK	1	3207211576610S	G
	CHASSIS, BACK	1	3207211576700S	K
23	PCB ASS'Y, POWER	1		
24	HEAT SINK	3	2120044288010S	
25	STOPPER	1	4380040162010S	K ONLY
26	SOCKET, POWER (AC INLET)	1	G430040550010S	G ONLY
27	CORD ASS'Y, 16A/250V	1	L068250160020S	G
	CORD ASS'Y, 2.5A/250V	1	L068250250240S	K
28	BRACKET, MECHA BKT	1	4010212586000S	
29	DOOR TRAY	1	4507210208000S	G-T/K-T
	DOOR TRAY	1	4507210208010S	K-B
	DOOR TRAY	1	4507210208020S	K-G
30	FRAME DOOR(TRAY)	1	5047210501000S	G-T/K-T
	FRAME DOOR(TRAY)	1	5047210501100S	K-B
	FRAME DOOR(TRAY)	1	5047210501200S	K-G
31	MECHA ASS'Y	1	8038041519011SZ	
32	CABINET, TOP	1	3000020226040S	G/K-B,T
	CABINET, TOP	1	3000020226050S	K-G
33	CLAMP	3	4330000310000S	K ONLY
SCREWS				
A	SCREW, +2S 3*8 B-TYPE ZNW/BH	30	B020030081B10S	
B	SCREW, +2S 3*10 B-TYPE(DOT) BK/BH	19	B020030103B11S	G/K-B,T
	SCREW, +2S 3*10 B-TYPE(DOT) BK/BH	13	B020030103B11S	K-G
C	SCREW, +2S 3*17 B-TYPE ZNW/BH	8	B020030171B10S	
D	SCREW, +3S 4*8 P+S-WASHER ZNW/BH	4	B028940081B10S	
E	SCREW, +2S 3*10 B-TYPE BK/FH	7	B020030103F10S	
F	SCREW, +3S 4*12 WBH(WASHER PI 12)	6	1500210147000S	
G	SCREW, +2S 3*8 ZnY WASHER PI12	1	1500001456010S	K ONLY
	MISCELLANEOUS			
	CABLE,FLAT CARD 1.25*13*150	1	L301151130010S	
	CABLE,FLAT CARD 1.0MM	1	N711162542810S	

EXPLODED VIEW

This diagram illustrates the exploded view of a device chassis, showing the following components and their assembly sequence:

- PCB1-1(Power)**: The main power board, including a transformer (13) and various components (14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27).
- PCB2(Front)**: The front panel board, including a display (11) and various components (12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27).
- PCB1(Main)**: The main system board, including a CD Mecha Ass'y (31) and various components (32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).
- CD MECHA ASS'Y**: The CD mechanism assembly, including a CD Mecha Ass'y (31) and various components (32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100).

The diagram includes various callouts for screws (A, B, C, D, E, F, G, H, I, J, K, L, M, N, O, P, Q, R, S, T, U, V, W, X, Y, Z) and other fasteners, indicating their specific locations and quantities for assembly.

Model : CD-772

★ ELECTRICAL PARTS LIST (CD-772)

♣ Parts without Parts NO are not supplied.

REF No.	DESCRIPTION					Q'TY	PARTS No.	VER.
PCB1	ASSEMBLY P.C.BOARD MAIN						7025HD0601020	G
PCB1	ASSEMBLY P.C.BOARD MAIN						7025HD0601030	K
	CAPACITORS							
C110/C111	CERAMIC CHIP T.C	220 pF	50V	J	2		D010221167160S	K
C112/C113	ELECT GE 85C	100 uF	16V	M	2		D040101083070S	K
C114	CERAMIC CHIP HIK	0.1 uF	50V	K	1		D011104577162S	
C115	CERAMIC CHIP HIK	1000 pF	50V	K	1		D011102777160S	
C116	CERAMIC CHIP T.C	100 pF	50V	J	1		D010101167160S	
C117	CERAMIC CHIP T.C	100 pF	50V	J	1		D010101167160S	K
C129	ELECT GE 85C	10 uF	50V	M	1		D040100087070S	
C130	CERAMIC CHIP HIK	0.1 uF	50V	K	1		D011104577162S	
C131	CERAMIC CHIP HIK	0.01 uF	50V	K	1		D011103777160S	
C133	CERAMIC CHIP T.C	22 pF	50V	J	1		D010220167160S	
C134	CERAMIC CHIP HIK	0.1 uF	50V	K	1		D011104577162S	
C139	CERAMIC CHIP HIK	0.01 uF	50V	K	1		D011103777160S	
C140/C141	ELECT AH 85C	47 uF	16V	M	2		D046470083060S	
C142/C143	CERAMIC CHIP T.C	470 pF	50V	J	2		D010471167160S	
C144/C145	CERAMIC CHIP T.C	680 pF	50V	J	2		D010681167160S	K
C154	CERAMIC CHIP HIK	0.01 uF	50V	K	1		D011103777160S	
C158/C159	CERAMIC CHIP HIK	0.1 uF	50V	K	2		D011104577162S	
C160/C161	ELECT GE 85C	10 uF	50V	M	2		D040100087070S	
C162/C163	ELECT GE 85C	10 uF	50V	M	2		D040100087070S	K
C164	CERAMIC HIK DISC	220 pF	50V	J	1		D004221067060S	
C165/C166	FILM POLYESTER	0.001 uF	50V	J	2		D020102167050S	
C167/C168	CERAMIC HIK DISC	220 pF	50V	J	2		D004221067060S	
C169	FILM POLYESTER	0.001 uF	50V	J	1		D020102167050S	
C170	CERAMIC HIK DISC	220 pF	50V	J	1		D004221067060S	
C171	FILM POLYESTER	0.001 uF	50V	J	1		D020102167050S	
C172/C173	CERAMIC CHIP HIK	0.022 uF	25V	K	2		D011223777160S	K
C179-C182	CERAMIC CHIP HIK	0.01 uF	50V	K	4		D011103777160S	
C184/C185	CERAMIC CHIP T.C	15 pF	50V	J	2		D010150167160S	
C186/C187	ELECT AH 85C	47 uF	16V	M	2		D046470083060S	
C188/C189	ELECT GE 85C	100 uF	16V	M	2		D040101083070S	
C190	CERAMIC CHIP HIK	1000 pF	50V	K	1		D011102777160S	
C191/C192	ELECT GE 85C	100 uF	16V	M	2		D040101083070S	
C193	ELECT GE 85C	10 uF	50V	M	1		D040100087070S	
C195/C196	ELECT GE 85C	47 uF	16V	M	2		D040470083080S	K
C197/C198	ELECT GE 85C	10 uF	50V	M	2		D040100087070S	K
C201	CERAMIC CHIP HIK	0.1 uF	50V	K	1		D011104577162S	
C202/C203	ELECT GE 85C	100 uF	16V	M	2		D040101083070S	
C204	CERAMIC CHIP HIK	0.1 uF	50V	K	1		D011104577162S	
C205	ELECT GE 85C	100 uF	16V	M	1		D040101083070S	
C206	CERAMIC CHIP T.C	22 pF	50V	J	1		D010220167160S	
C207	ELECT GE 85C	100 uF	16V	M	1		D040101083070S	
C208/C209	CERAMIC CHIP HIK	0.1 uF	50V	K	2		D011104577162S	
C210	CERAMIC CHIP T.C	220 pF	50V	J	1		D010221167160S	
C211	CERAMIC CHIP HIK	1 uF	50V	Z	1		D011105597160S	
C212	CERAMIC CHIP T.C	470 pF	50V	J	1		D010471167160S	
C213	CERAMIC CHIP HIK	1500 pF	50V	K	1		D011152777160S	

REF No.	DESCRIPTION					Q'TY	PARTS No.	VER.
C214	CERAMIC CHIP HIK	0.022 uF	25V	K	1	D011223777160S		
C215	CERAMIC CHIP HIK	1000 pF	50V	K	1	D011102777160S		
C216	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C217	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C218	CERAMIC CHIP HIK	0.1 uF	50V	K	1	D011104577162S		
C219	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C220/C221	CERAMIC CHIP HIK	0.1 uF	50V	K	2	D011104577162S		
C222	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S		
C223	CERAMIC CHIP T.C	560 pF	50V	J	1	D010561167160S		
C224	ELECT GE 85C	470 uF	16V	M	1	D040471083080S		
C225	CERAMIC CHIP T.C	560 pF	50V	J	1	D010561167160S		
C226	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C227	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C228	ELECT GE 85C	220 uF	16V	M	1	D040221083090S		
C229	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C230	ELECT GE 85C	220 uF	16V	M	1	D040221083090S		
C231	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C232	CERAMIC CHIP HIK	0.01 uF	50V	K	1	D011103777160S		
C233	ELECT GE 85C	0.47 uF	50V	M	1	D040R47087050S		
C234	CERAMIC CHIP HIK	3300 pF	50V	K	1	D011332777160S		
C235	CERAMIC CHIP HIK	1500 pF	50V	K	1	D011152777160S		
C236	CERAMIC CHIP HIK	0.01 uF	50V	K	1	D011103777160S		
C237	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C238	CERAMIC CHIP T.C	220 pF	50V	J	1	D010221167160S		
C239/C240	CERAMIC CHIP HIK	0.1 uF	50V	K	2	D011104577162S		
C241	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C242	CERAMIC CHIP T.C	22 pF	50V	J	1	D010220167160S		
C243/C244	CERAMIC T.C DISC	24 pF	50V	J	2	D000240167050S		
C245	CERAMIC CHIP HIK	0.01 uF	50V	K	1	D011103777160S		
C246	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S		
C247/C248	CERAMIC CHIP HIK	5600 pF	50V	K	2	D011562777160S		
C249	CERAMIC CHIP T.C	15 pF	50V	J	1	D010150167160S		
C250/C251	CERAMIC CHIP HIK	0.1 uF	50V	K	2	D011104577162S		
C252	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C253	CERAMIC CHIP T.C	100 pF	50V	J	1	D010101167160S		
C254-C256	CERAMIC CHIP HIK	0.1 uF	50V	K	3	D011104577162S		
C257	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C258	CERAMIC CHIP HIK	0.01 uF	50V	K	1	D011103777160S		
C259	ELECT GE 85C	100 uF	16V	M	1	D040101083070S		
C260-C262	CERAMIC CHIP HIK	0.1 uF	50V	K	3	D011104577162S		
C277	CERAMIC CHIP HIK	0.1 uF	50V	K	1	D011104577162S		
C278/C279	ELECT GE 85C	100 uF	16V	M	2	D040101083070S		
C280	CERAMIC CHIP HIK	1000 pF	50V	K	1	D011102777160S		
C281	ELECT GE 85C	22 uF	16V	M	1	D040220083070S		
C282	CERAMIC CHIP HIK	0.047 uF	16V	K	1	D011473773160S		
C283	ELECT GE 85C	22 uF	50V	M	1	D040220087100S		
C284	CERAMIC CHIP HIK	1000 pF	50V	K	1	D011102777160S		
C285	CERAMIC CHIP HIK	0.1 uF	50V	K	1	D011104577162S		
C286	ELECT GE 85C	10 uF	50V	M	1	D040100087070S		
C287/C288	CERAMIC CHIP T.C	22 pF	50V	J	2	D010220167160S		
C289/C290	ELECT GE 85C	0.22 uF	50V	M	2	D040R22087070S		
C291-C294	CERAMIC CHIP HIK	0.1 uF	50V	K	4	D011104577162S		
C295	ELECT GE 85C	3.3 uF	50V	M	1	D0403R3087050S		

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
C296	CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	
C297	CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577162S	
C298	ELECT GE 85C 10 uF 50V M	1	D040100087070S	
	CONNECTORS			
CP201	CN.FPC 1.25MM (13P)	1	L131111300010S	
CP204	CN.WAFER 2.0MM (3P)	1	L101220030000S	K
CP206	CN.WAFER 2.5MM (9P)	1	L102526700900S	
CP207	CN.WAFER 2.5MM (8P)	1	L102526700800S	
CP208	CN.FPC 1.0MM (16P)	1	L130623201620S	
CP209	CN.WAFER 2.0MM (6P)	1	L101220060000S	
CP210	CN.WAFER 2.0MM (5P)	1	L101220050000S	
	DIODES			
D201-D204	1N4148W, SWITCHING CHIP	4	K005041480020S	
ZD201	MTZJ5.1B-0.5W, ZENER	1	K06005R144520S	
ZD202/ZD203	MTZJ6.8B-0.5W, ZENER	2	K06006R844520S	K
ZD204	MTZJ5.6B-0.5W, ZENER	1	K06005R644520S	
	INTEGRATED CIRCUITS			
IC201	CXA2581N, OPTICAL-RF AMP	1	J030258100020S	
IC202	BA5979S, LINEAR-DRIVER	1	J127597900020S	
IC203	CXD3068Q, OPTICAL-RF SERVO	1	J032306800010S	
IC204	BA6956AN , LINEAR-DRIVER	1	J127695600010S	
IC205	SN74LV4040APWR, LOGIC	1	J040744040030S	
IC207	TMD2201A, LOGIC	1	J040220100010S	
IC208	IC42S16400, MEMORY-RAM	1	J001421640020S	
IC209	AD1896, AUDIO PROCESSOR	1	J085189600010S	
IC210	MSM66Q573L-145TB TQFP100P , CPU	1	J020665730040S	
IC211	M29W800DB, MEMORY FLASH	1	J005298000060S	
IC212	KIA7027AP, LINEAR-RESET	1	J125702700020S	
IC213	74LCX244MTCX, LOGIC	1	J040742440180S	
IC218/IC219	OPA134, LINEAR OP	2	J121134000010S	
IC220	74VHCU04MX, LOGIC	1	J040740400260S	
IC221	MM74HCT244, LOGIC	1	J040742440190S	
IC222	AD1852JRS, LOGIC-D/A CONVER	1	J042185200010S	
IC223	NJM4556AM, LINEAR OP	1	J121455600010S	K
IC224	NJW1159V, ELECT VR	1	J084115900010S	K
	COILS			
L201	COIL,BEAD SMD1608 TYPE	1	D340160800060S	
L202	BEAD,COIL BFS 3550R2F	1	7610035500030S	
L203	INDUCTOR COIL, 10UH	1	D330100700520S	
L204/L205	COIL,BEAD SMD1608 TYPE	2	D340160800060S	
L206/L207	BEAD,COIL BFS 3550R2F	2	7610035500030S	
L208/L209	COIL,BEAD SMD1608 TYPE	2	D340160800060S	
L210	BEAD,COIL BFS 3550R2F	1	7610035500030S	
L211-L213	COIL,BEAD SMD1608 TYPE	3	D340160800060S	
L214	INDUCTOR COIL, 1.8UH	1	D3301R8000001S	
	TRANSISTORS			
Q102	KRC107S, NPN	1	J5020107S0050S	
Q103	KRA101S, PNP	1	J520010100010S	
Q104-Q107	KTC2875B(MB), NPN	4	J5222875B0010S	
Q109/Q110	KTC2875B(MB), NPN	2	J5222875B0010S	K
Q111	KTA1504Y(ASY), PNP	1	J5201504Y0210S	
Q112	KRC107S, NPN	1	J5020107S0050S	

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
Q113/Q114	KTC2875B(MB), NPN	2	J5222875B0010S	K
Q115	KTC3875Y(ALY), NPN	1	J5223875Y0210S	
Q201	KTA1273Y, PNP	1	J5001273Y0050S	
Q205	KRA107S(PH), PNP	1	J5200107S0050S	
Q206/Q207	KRC114S(NP), NPN	2	J522011400210S	
Q208	KRC107S, NPN	1	J5020107S0050S	
Q215	KTC3875Y(ALY), NPN	1	J5223875Y0210S	
	RESISTORS			
R110	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R111-R115	CHIP THICK 100 ohm 1/16W J	5	C20001016M160S	
R116	METAL FILM 100PPM 82 ohm 1W J	1	C060082065050S	K
R117	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R118/R119	CHIP THICK 2.2 kohm 1/16W J	2	C20002226M160S	K
R120	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R121	METAL FILM 100PPM 82 ohm 1W J	1	C060082065050S	K
R122	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R123/R124	CHIP THICK 12 kohm 1/16W J	2	C20001236M160S	K
R125/R126	CHIP THICK 2.7 kohm 1/16W J	2	C20002726M160S	K
R127/R128	CHIP THICK 2.2 kohm 1/16W J	2	C20002226M160S	K
R129	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R130	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R131-R134	CHIP THICK 3.3 kohm 1/16W J	4	C20003326M160S	
R135	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R136	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R137	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R138-R140	CHIP THICK 560 ohm 1/16W J	3	C20005616M160S	K
R141	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R150/R151	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R152	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R153	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R154	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R155	CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	
R164	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R165	CHIP THICK 1.8 kohm 1/16W J	1	C20001826M160S	
R168/R169	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R170	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R171	CHIP THICK 27 kohm 1/16W J	1	C20002736M160S	
R172	CHIP THICK 68 kohm 1/16W J	1	C20006836M160S	
R173	CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	
R174/R175	CHIP THICK 2 kohm 1/16W J	2	C20002026M160S	
R176	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R177	CHIP THICK 1.8 kohm 1/16W J	1	C20001826M160S	
R178/R179	CHIP THICK 2 kohm 1/16W J	2	C20002026M160S	
R180/R181	CHIP THICK 1.8 kohm 1/16W J	2	C20001826M160S	
R182-R184	CHIP THICK 2 kohm 1/16W J	3	C20002026M160S	
R185	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R186	CHIP THICK 1 Mohm 1/16W J	1	C20001056M160S	
R187	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	K
R188	METAL FILM 100PPM 220 ohm 1/4W J	1	C060022163050S	K
R189/R190	CHIP THICK 47 kohm 1/16W J	2	C20004736M160S	
R191/R192	CHIP THICK 470 ohm 1/16W J	2	C20004716M160S	
R194	METAL FILM 100PPM 220 ohm 1/4W J	1	C060022163050S	K

REF No.	DESCRIPTION	Q'TY	PARTS No.	VER.
R195/R196	CHIP THICK 1 kohm 1/16W J	2	C20001026M160S	K
R197	CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	
R199	CHIP THICK 2 kohm 1/16W J	1	C20002026M160S	
R201	CHIP THICK 22 ohm 1/16W J	1	C20002206M160S	
R202/R203	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R204	CHIP THICK 27 kohm 1/16W J	1	C20002736M160S	
R205	CHIP THICK 5.6 kohm 1/16W J	1	C20005626M160S	
R206	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R207	CHIP THICK 5.6 kohm 1/16W J	1	C20005626M160S	
R208	CHIP THICK 15 kohm 1/16W J	1	C20001536M160S	
R209	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R210	CHIP THICK 75 kohm 1/16W J	1	C20007536M160S	
R211	CHIP THICK 30 kohm 1/16W J	1	C20003036M160S	
R212	CHIP THICK 91 kohm 1/16W J	1	C20009136M160S	
R213	CHIP THICK 150 kohm 1/16W J	1	C20001546M160S	
R214/R215	CHIP THICK 47 kohm 1/16W J	2	C20004736M160S	
R216	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R217	CHIP THICK 120 kohm 1/16W J	1	C20001246M160S	
R220	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R221	CHIP THICK 15 kohm 1/16W J	1	C20001536M160S	
R222	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R223	CHIP THICK 15 kohm 1/16W J	1	C20001536M160S	
R225	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R226	CHIP THICK 2.7 kohm 1/16W J	1	C20002726M160S	
R227	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	
R230	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R231-R235	CHIP THICK 100 ohm 1/16W J	5	C20001016M160S	
R236	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R237/R238	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R239	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R240	CHIP THICK 220 kohm 1/16W J	1	C20002246M160S	
R241	CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	
R242	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R243	CHIP THICK 33 kohm 1/16W J	1	C20003336M160S	
R244	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R246	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R247	CHIP THICK 2.2 ohm 1/16W J	1	C2002R206M160S	
R248/R249	CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	
R250	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R251	CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	
R252	CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	
R253	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R254	CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	
R255/R256	CHIP THICK 470 kohm 1/16W J	2	C20004746M160S	
R257	CHIP THICK 1 Mohm 1/16W J	1	C20001056M160S	
R258-R260	CHIP THICK 100 ohm 1/16W J	3	C20001016M160S	
R262	CHIP THICK 1 Mohm 1/16W J	1	C20001056M160S	
R263-R266	CHIP THICK 100 ohm 1/16W J	4	C20001016M160S	
R267	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R268	CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	
R269/R270	CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	
R271	CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	
R272-R279	CHIP THICK 10 kohm 1/16W J	8	C20001036M160S	

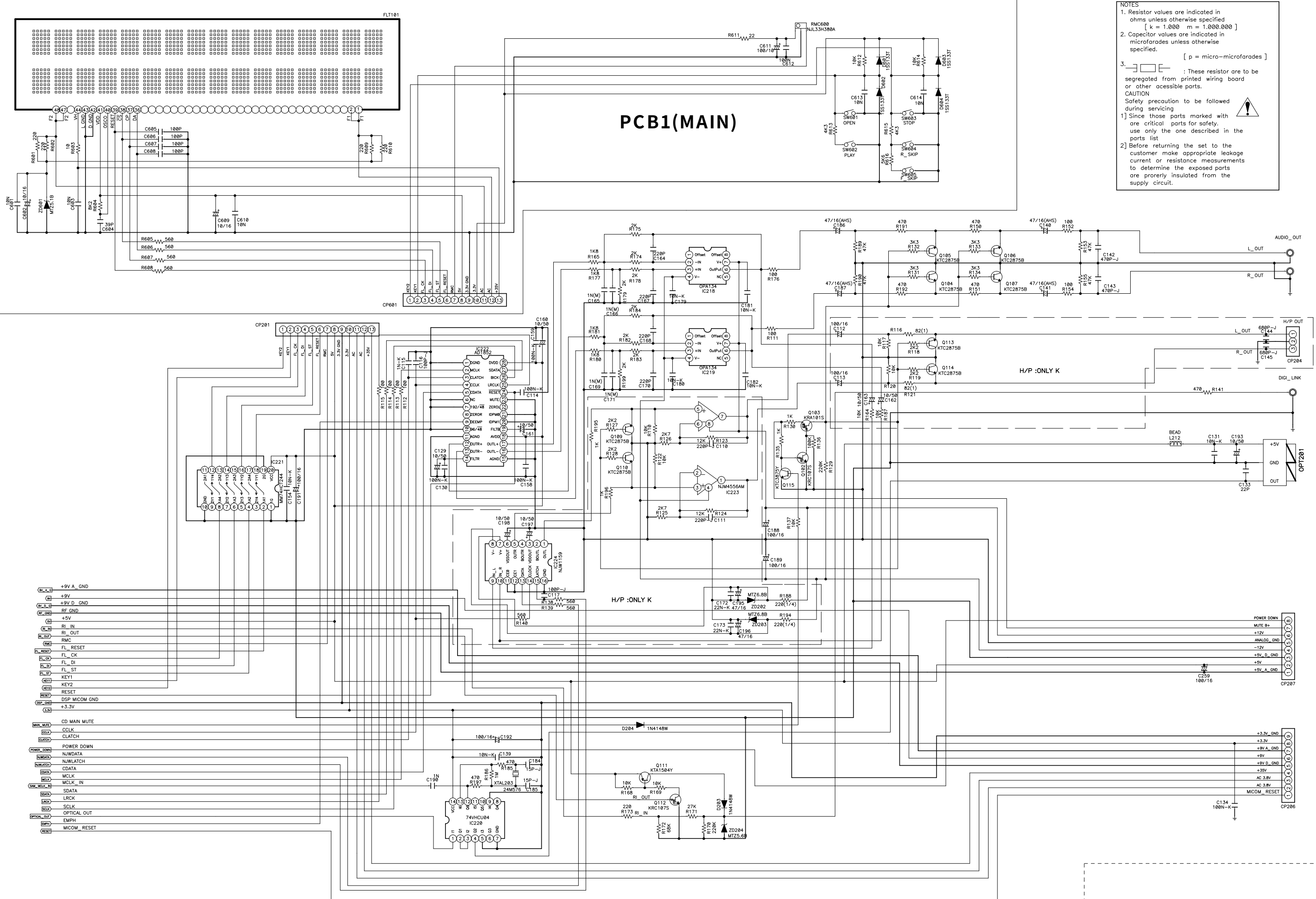
REF No.	DESCRIPTION					Q'TY	PARTS No.	VER.
R280	CHIP THICK	1.2 kohm	1/16W	J		1	C20001226M160S	
R281-R286	CHIP THICK	100 ohm	1/16W	J		6	C20001016M160S	
R287-R290	CHIP THICK	10 kohm	1/16W	J		4	C20001036M160S	
R291	CHIP THICK	47 kohm	1/16W	J		1	C20004736M160S	
R308	CHIP THICK	560 ohm	1/16W	J		1	C20005616M160S	
R309	CHIP THICK	1 Mohm	1/16W	J		1	C20001056M160S	
R317/R318	CHIP THICK	10 kohm	1/16W	J		2	C20001036M160S	
R319	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R320	CHIP THICK	2.2 ohm	1/16W	J		1	C2002R206M160S	
R321-R326	CHIP THICK	10 kohm	1/16W	J		6	C20001036M160S	
R327	CHIP THICK	2.2 kohm	1/16W	J		1	C20002226M160S	
R328	CHIP THICK	10 kohm	1/16W	J		1	C20001036M160S	
R329	CHIP THICK	680 ohm	1/16W	J		1	C20006816M160S	
R330	CHIP THICK	1.8 kohm	1/16W	J		1	C20001826M160S	
R331	CHIP THICK	10 kohm	1/16W	J		1	C20001036M160S	
R332/R333	CHIP THICK	100 ohm	1/16W	J		2	C20001016M160S	
R334/R335	CHIP THICK	560 ohm	1/16W	J		2	C20005616M160S	
R336	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R337/R338	CHIP THICK	560 ohm	1/16W	J		2	C20005616M160S	
R339	CHIP THICK	220 kohm	1/16W	J		1	C20002246M160S	
R340	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R341/R342	CHIP THICK	560 ohm	1/16W	J		2	C20005616M160S	
R343	CHIP THICK	1 ohm	1/16W	J		1	C20000106M160S	
R344	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R345-R353	CHIP THICK	560 ohm	1/16W	J		9	C20005616M160S	
R354	CHIP THICK	1 Mohm	1/16W	J		1	C20001056M160S	
R355-R357	CHIP THICK	560 ohm	1/16W	J		3	C20005616M160S	
R358	CHIP THICK	47 ohm	1/16W	J		1	C20004706M160S	
R359-R361	CHIP THICK	560 ohm	1/16W	J		3	C20005616M160S	
R362	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R363/R364	CHIP THICK	560 ohm	1/16W	J		2	C20005616M160S	
R365	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R366	CHIP THICK	560 ohm	1/16W	J		1	C20005616M160S	
R370	CHIP THICK	100 ohm	1/16W	J		1	C20001016M160S	
R374	CHIP THICK	560 ohm	1/16W	J		1	C20005616M160S	
R380-R382	CHIP THICK	560 ohm	1/16W	J		3	C20005616M160S	
R394-R399	CHIP THICK	560 ohm	1/16W	J		6	C20005616M160S	
	CRYSTALS							
X201	CRYSTAL, 14.0000MHz					1	E800140000000S	
XTAL201	CRYSTAL, 16.9344MHz					1	E800169344520S	
XTAL202	CRYSTAL, 33.8688MHz					1	E80033R868020S	
XTAL203	CRYSTAL, 24.576MHz					1	E800245760810S	
	MISCELLANEOUS							
J367-J369	CHIP THICK	0 ohm	1/16W	J		3	C20000006M160S	
JACK201	TER,RCA 2PIN (WH,RD)					1	G601207BEG02YS	
JACK202	TER,RCA 2PIN (G/G) DIGILINK					1	G601207BEG11YS	
OPT201	MODULE, JST1165-B /OPTICAL					1	E100116500030S	
PCB1-1	ASSEMBLY P.C.BOARD POWER							
C401	CERAMIC HIK DISC	0.01 uF	50V	K		1	D004103277050S	
C402	ELECT AH 85C	47 uF	16V	M		1	D046470083060S	
C403	CERAMIC HIK DISC	0.01 uF	50V	K		1	D004103277050S	
C404	ELECT AH 85C	47 uF	16V	M		1	D046470083060S	

REF No.	DESCRIPTION					Q'TY	PARTS No.	VER.
C405	ELECT AH 85C	220 uF	16V	M	1	1	D046221083050S	
C406	CERAMIC HIK DISC	0.01 uF	50V	K	1	1	D004103277050S	
C407	ELECT GE 85C	100 uF	16V	M	1	1	D040101083070S	
C408	CERAMIC HIK DISC	0.01 uF	50V	K	1	1	D004103277050S	
C409	ELECT GE 85C	100 uF	16V	M	1	1	D040101083070S	
C410	CERAMIC HIK DISC	0.01 uF	50V	K	1	1	D004103277050S	
C411	ELECT AH 85C	3300 uF	35V	M	1	1	D046332085000S	
C412	ELECT AH 85C	2200 uF	35V	M	1	1	D046222085000S	
C413	ELECT GE 85C	3300 uF	25V	M	1	1	D040332084010S	
C414	CERAMIC HIK DISC	0.01 uF	50V	K	1	1	D004103277050S	
C415	ELECT GE 85C	1 uF	50V	M	1	1	D040010087150S	
C417	ELECT GE 85C	3300 uF	25V	M	1	1	D040332084010S	
C418	ELECT GE 85C	1 uF	50V	M	1	1	D040010087150S	
C419	CERAMIC HIK DISC	0.01 uF	50V	K	1	1	D004103277050S	
C420-C430	CERAMIC HIK DISC	0.01 uF	500V	Z	11	11	D00410359D050S	
C431	ELECT GE 85C	47 uF	50V	M	1	1	D040470087070S	
C432	ELECT GE 105C	47 uF	100V	M	1	1	D04147006C050S	
C433-C436	CERAMIC HIK DISC	0.01 uF	500V	Z	4	4	D00410359D050S	
C438	ELECT GE 85C	100 uF	25V	M	1	1	D040101084060S	
CN401	CN,WIRE 80MM (8P)				1	1	L000800080040S	
CN402	CN,WIRE 80MM (9P)				1	1	L000800090100S	
CP401	CN.WAFER 2.5MM (11P)				1	1	L102526701100S	
CP403	CN.WAFER 7.92MM				1	1	L108353280260S	
CP404	CN.WAFER 7.92MM				1	1	L108353280290S	
CP700	CN.WAFER 7.92MM				1	1	L108353280280S	
D401-D408	IN4007, SWITCHING				8	8	K000400700520S	
D410	1SS133T, SWITCHING				1	1	K000013300520S	
D411-D416	IN4007, SWITCHING				6	6	K000400700520S	
D417	1SS133T, SWITCHING				1	1	K000013300520S	
F101	FUSE. T315MA /250V				1	1	N751223150110S	
FL400	FUSE CLIP				1	1	G645000050010S	
FR400	FUSE CLIP				1	1	G645000050010S	
FT101	FILTER COIL, 550UH				1	1	D320010130010S	
GND900	TERMINAL				1	1	3790040886000S	
IC401	KIA7812API, LINEAR-REGULATOR				1	1	J126781200040S	
IC402	KIA7912PI, LINEAR-REGULATOR				1	1	J126791200060S	
IC403	KIA7805API, LINEAR-REGULATOR				1	1	J126780500110S	
IC404	KIA7809API, LINEAR-REGULATOR				1	1	J126780900020S	
IC405	BA033T/3.3V, LINEAR-REGULATOR				1	1	J12603R300010S	
Q401	KTC1027Y, NPN				1	1	J5021027Y0020S	
R401/R402	METAL FILM 100PPM	0.47 ohm	1/2W	J	2	2	C060R47064050S	
R403/R404	METAL FILM 100PPM	0.22 ohm	1W	J	2	2	C060R22065050S	
R407	CARBON FILM	10 kohm	1/5W	J	1	1	C00001036P520S	
R408	CARBON FILM	100 ohm	1/5W	J	1	1	C00001016P520S	
R409/R410	FUSIBLE METAL	0.47 ohm	1/4W	J	2	2	C101R47063060S	
R411	CARBON FILM	10 kohm	1/5W	J	1	1	C00001036P520S	
R412	METAL FILM 100PPM	4.7 ohm	1/4W	J	1	1	C0604R7063050S	
R413	CARBON FILM	4.7 kohm	1/5W	J	1	1	C00004726P520S	
R414	CARBON FILM	560 ohm	1/5W	J	1	1	C00005616P520S	
R415	CARBON FILM	10 kohm	1/5W	J	1	1	C00001036P520S	
ZD402	MTZJ3.3B-0.5W, ZENER				1	1	K06003R344520S	
ZD403	MTZJ2.7B-0.5W, ZENER				1	1	K06002R744520S	
ZD404/ZD405	MTZJ18B-0.5W, ZENER				2	2	K06018R044520S	

REF No.	DESCRIPTION					Q'TY	PARTS No.	VER.
ZD406	MTZJ3.3B-0.5W, ZENER					1	K06003R344520S	
	HEAT SINK					3	2120044288010S	
PCB2	ASSEMBLY P.C.BOARD FRONT						7025HD0601021	G
PCB2	ASSEMBLY P.C.BOARD FRONT						7025HD0601031	K
C601	CERAMIC HIK AXIAL	0.01 uF	16V	M	1		D005103773530S	
C602	ELECT GE 85C	10 uF	16V	M	1		D040100083090S	
C603	CERAMIC HIK AXIAL	0.01 uF	16V	M	1		D005103773530S	
C604	CERAMIC T.C AXIAL	39 pF	50V	J	1		D001390067520S	
C605-C608	CERAMIC HIK AXIAL	100 pF	50V	K	4		D005101177520S	
C609	ELECT GE 85C	10 uF	16V	M	1		D040100083090S	
C610	CERAMIC HIK AXIAL	0.01 uF	16V	M	1		D005103773530S	
C611	ELECT GE 85C	100 uF	10V	M	1		D040101082050S	
C612	CERAMIC HIK AXIAL	0.1 uF	50V	Z	1		D005104597530S	
C613/C614	CERAMIC HIK AXIAL	0.01 uF	16V	M	2		D005103773530S	
CP601	CN.FPC 1.25MM					1	L131101300010S	
D601-D604	1SS133T, SWITCHING					4	K000013300520S	
FL101	DISPLAY, FLT					1	K530161400010S	
J601-J604	CN,WIRE 1P					4	L045084006040S	
J606-J612	CN,WIRE 1P					7	L045084006040S	
R601/R602	CARBON FILM	220 ohm	1/5W	J	2		C00002216P520S	
R603	CARBON FILM	10 ohm	1/5W	J	1		C00001006P520S	
R604	CARBON FILM	8.2 kohm	1/5W	J	1		C00008226P520S	
R605-R608	CARBON FILM	560 ohm	1/5W	J	4		C00005616P520S	
R609/R610	CARBON FILM	220 ohm	1/5W	J	2		C00002216P520S	
R611	CARBON FILM	22 ohm	1/5W	J	1		C00002206P520S	
R612	CARBON FILM	10 kohm	1/5W	J	1		C00001036P520S	
R613	CARBON FILM	4.3 kohm	1/5W	J	1		C00004326P520S	
R614	CARBON FILM	10 kohm	1/5W	J	1		C00001036P520S	
R615	CARBON FILM	4.3 kohm	1/5W	J	1		C00004326P520S	
R616	CARBON FILM	5.6 kohm	1/5W	J	1		C00005626P520S	
RMC600	MODULE, NJL33H380A					1	E940333800010S	
SW601-SW605	SW,TACT					5	G180040500010S	
ZD601	MTZJ5.1B-0.5W, ZENER					1	K06005R144520S	
	BRACKET					1	4010212386000S	
PCB2-1	ASSEMBLY P.C.BOARD SWITCH							
C701	CERAMIC AC(SAFETY)	AC13F472MDOA			1		D00847208K070S	
CN700	CN,WIRE 350MM (2P)					1	L000351020170S	
SW701	SW,PUSH					1	G000122006060S	
PCB2-2	ASSEMBLY P.C.BOARD HEAD PHONE(K ONLY)							
C801	ELECT GE 85C	10 uF	50V	M	1		D040100087070S	K
CN800	CN,WIRE 550MM (3P)					1	L000551030030S	K
D801/D802	1SS133T, SWITCHING					2	K000013300520S	K
JACK801	JACK, D6.5					1	G402040161330S	K
LUG801	RING,TER WIRE 80MM (1P)					1	8410800010110S	K

SCHEMATIC DIAGRAMS(1)

Model ; CD -772





SCHEMATIC DIAGRAMS(3)

Model : CD - 772

