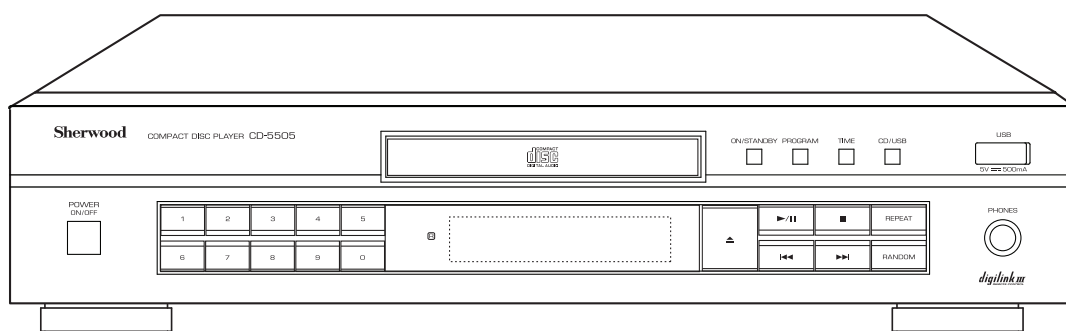


SERVICE MANUAL

CD-5505 COMPACT DISC PLAYER



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Sherwood

SAFETY PRECAUTIONS

WARNING

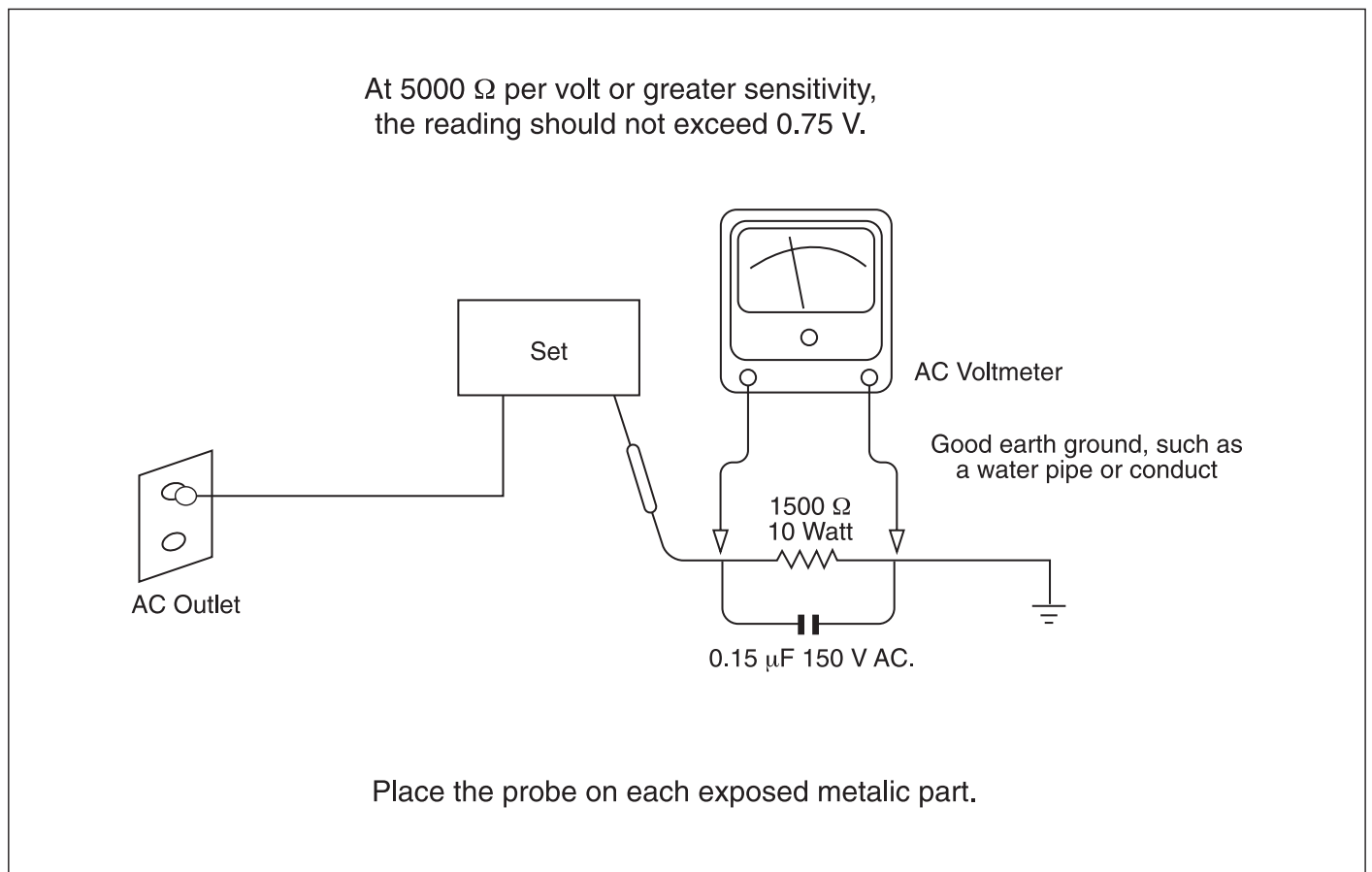
Before servicing this unit, familiarize yourself with the following precautions:

1. Many electrical and mechanical parts in this chassis have special safety characteristics that often pass unnoticed and the protection afforded by them cannot necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts that have these special safety characteristics are identified in this manual and its supplements: electrical components having such features are identified by  in the schematic diagram and the parts list.

Before replacing any of these components, read the parts list in this manual carefully. The use of substitute replacement parts that do not have the same safety characteristics as specified in the parts list may create shock, fire, or other hazards.

2. Before returning the set to the customer, always do an AC leakage current check on the exposed metal

parts of the cabinet, such as terminals, screw heads, and metal overlays, to be sure the set is safe to operate danger of electrical shock. Plug the AC line cord directly into a 120 V AC outlet(USA Version) or 230 V AC outlet(EU Version). (Do not use a line isolation transformer during this check.) Be sure your AC voltmeter has a sensitivity of 5000 Ω per volt or greater. Then connect a 1500 Ω 10 watt resistor, paralleled by a 0.15 μ F 150 V AC capacitor, between a known good earth ground(such as a water pipe, or conduit) and the exposed metallic parts, one at a time. Measure the AC voltage across the combination of a 1500 Ω resistor and a 0.15 μ F capacitor. Reverse the AC plug at the AC outlet and repeat AC voltage measurements for each exposed metallic part. Voltage measured must not exceed 0.75 V RMS. This corresponds to 0.2 mA AC. Any value exceeding this limit constitutes a potential shock hazard and must be corrected immediately.



SPECIFICATIONS

1. STEREO SECTION

Measuring methods in conformity with IEC standard 268-3

Measurements condition , unless otherwise noted :

Ref. frequency = 1 kHz, Reference level = 0 dB

Filter = 20 kHz, JIS-A Filter , Response : slow

Power Supply : 230V/50 Hz(G/D) / 220V/60 Hz(DOM)

CD FUNCTION : TEST disc : TCD-784

No	DESCRIPTION	SIGNAL	INPUT	TRACK	UNIT	NOMINAL L/R	LIMIT L/R
1	OUTPUT LEVEL	1 kHz	0 dB	2	V	2.0±0.2	2.0±0.4
2	HEADPHONE OUTPUT (H/P=32 ohm)	1 kHz	0 dB	2	mV	350±50	350±100
3	CHANNEL UNBALANCE	1 kHz	0 dB	2	dB	±0.5	±1
4	FREQUENCY RESPONSE	20 Hz	0 dB	3	dB	±0.3	±0.5
		100 Hz	0 dB	4	dB	±0.3	±0.5
		10 kHz	0 dB	5	dB	±0.3	±0.5
		20 kHz	0 dB	6	dB	±1.5	±2
5	S/N RATIO, IHF-A FILTER		0 dB	2=>7	dB	≥85	≥80
6	T.H.D IHF-A FILTER	100 Hz	0 dB	4	%	≤0.02	≤0.04
		1 kHz	0 dB	2	%	≤0.02	≤0.04
		10 kHz	0 dB	5	%	≤0.15	≤0.2
		20 kHz	0 dB	6	%	≤0.15	≤0.2
7	CHANNEL SEPARATION (20 kHz FILTER)	1 kHz	0 dB	8=>10	dB	≥85	≥80
		10 kHz	0 dB	9=>11	dB	≥75	≥70
8	DE-EMPHASIS ERROR	5 kHz	-4.53 dB	12	dB	±0.2	±0.4
		16 kHz	9.04 dB	13	dB	±0.5	±1.5

USB FUNCTION

No	DESCRIPTION	SIGNAL	INPUT	TRACK	UNIT	NOMINAL L/R	LIMIT L/R
1	OUTPUT LEVEL	1 kHz	0 dB		V	2.0±0.2	2.0±0.4
2	S/N RATIO, IHF-A FILTER		0 dB		dB	≥85	≥80
3	T.H.D IHF-A FILTER	100 Hz	0 dB		%	≤0.03	≤0.05
		1 kHz	0 dB		%	≤0.03	≤0.05
		10 kHz	0 dB		%	≤0.15	≤0.2
		20 kHz	0 dB		%	≤0.15	≤0.2

Play Ability

Test disc : TCD-721, TCD-713, TCD-714, TCD-721, TCD-725B, TCD-731, TCD-795

MCD-F212, MCD-F231, MCD-F241, MCD-F242, MCD-F251, MCD-R241, MCD-R242, MCD-R243,
MCD-R244

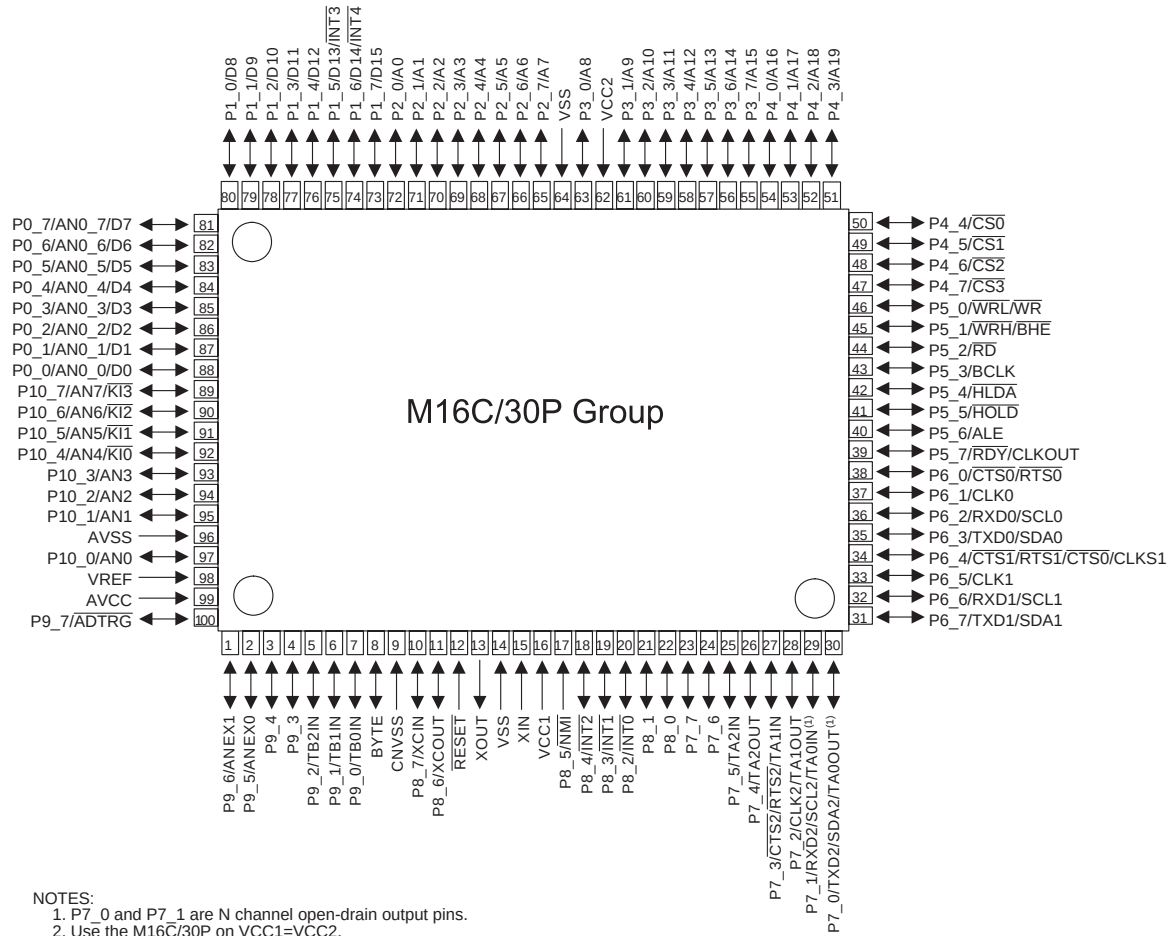
No	DESCRIPTION	TEST DISC	DISC	UNIT	NOMINAL L/R	LIMIT L/R
1	CD-DA	TCD-721	SCRATCH	μm	≥ 800	≥ 600
		TCD-725B	INTERRUPTION	μm	≥ 1000	≥ 800
			BLACK DOT	μm	≥ 800	≥ 600
			FINGER PRINTS	μm	≥ 75	≥ 65
		TCHD-712~714	ECCENTRICITY	μm	210	210
		TCD-731	VERTICAL	μm	≥ 1000	≥ 500
2	CD-R	MCD-R231 (TCD-R025W)	BLACK DOT	μm	≥ 800	≥ 600
			FINGER PRINT	μm	≥ 75	≥ 65
		MCD-R241~R244	ECCENTRICITY	μm	210	210
		MCD-R251	VERTICAL	μm	≥ 1000	≥ 500
3	CD-RW	MCD-F231	BLACK DOT	μm	≥ 600	≥ 500
			FINGER PRINT	μm	≥ 75	≥ 65
		MCD-F241~F242	ECCENTRICITY	μm	140	140
		MCD-F251	VERTICAL	μm	≥ 1000	≥ 500

CIRCUIT DESCRIPTION

M3030RFEPFP : IC206 (MAIN)

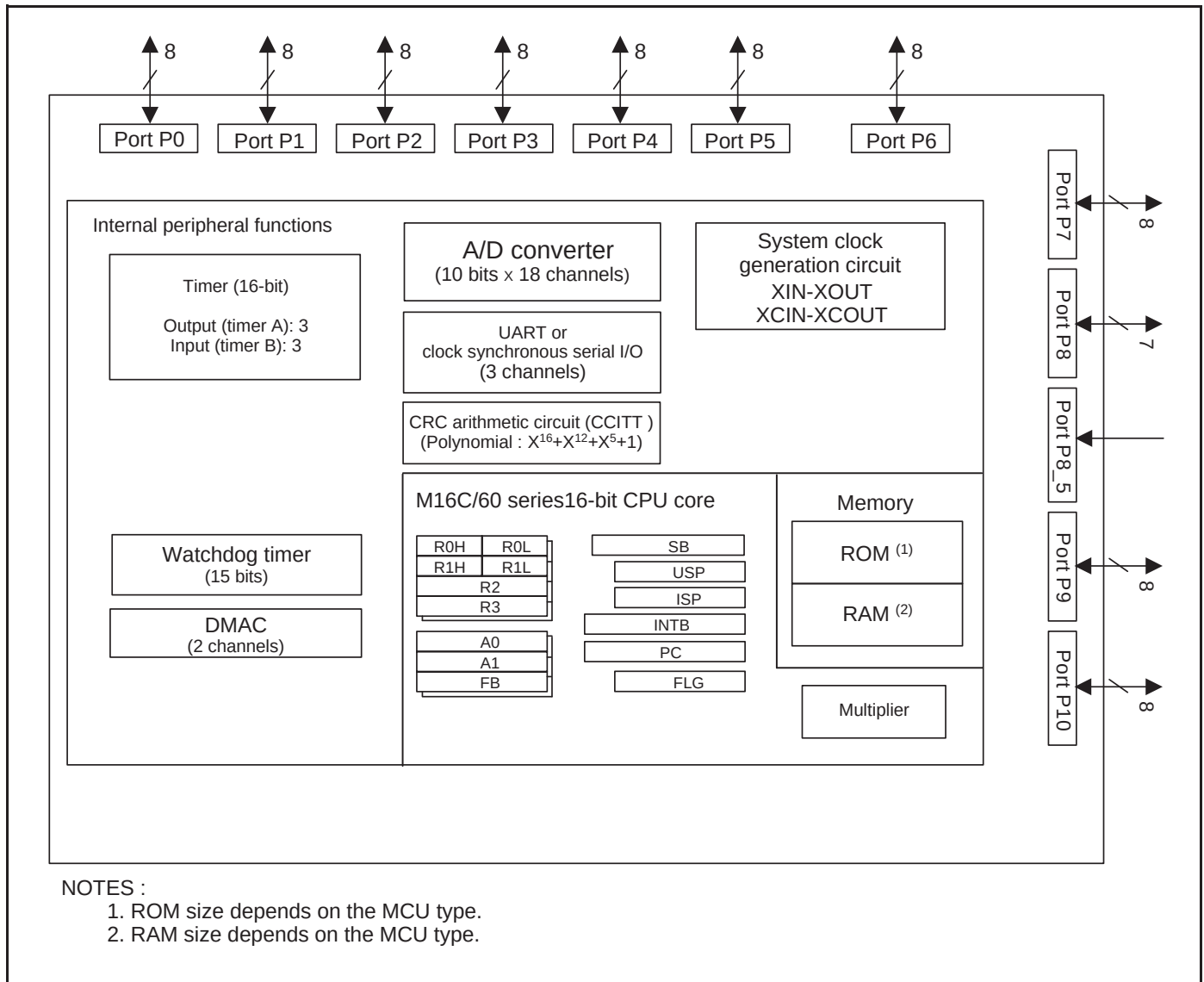
1. Pin Function

PIN CONFIGURATION (top view)



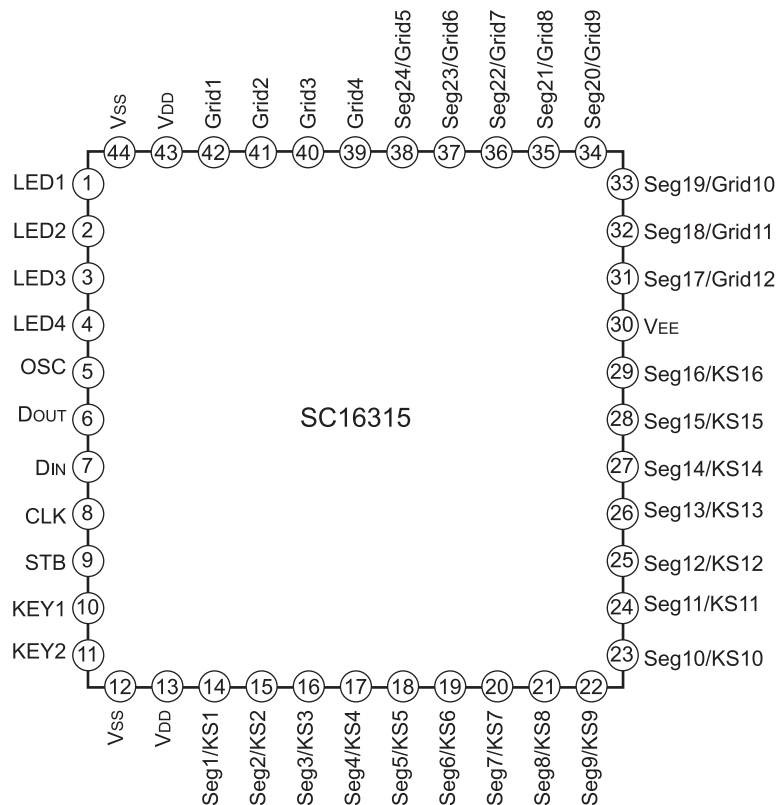
Package : PRQP0100JB-A (100P6S-A)

2. Block Diagram

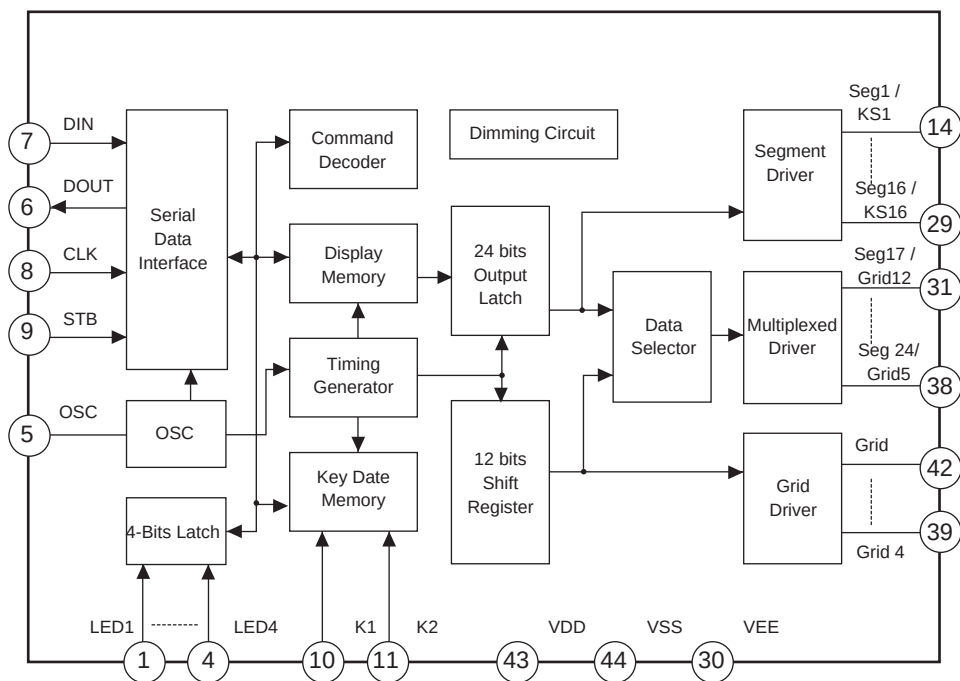


SC16315 : IC307 (FRONT)

1. Pin Function

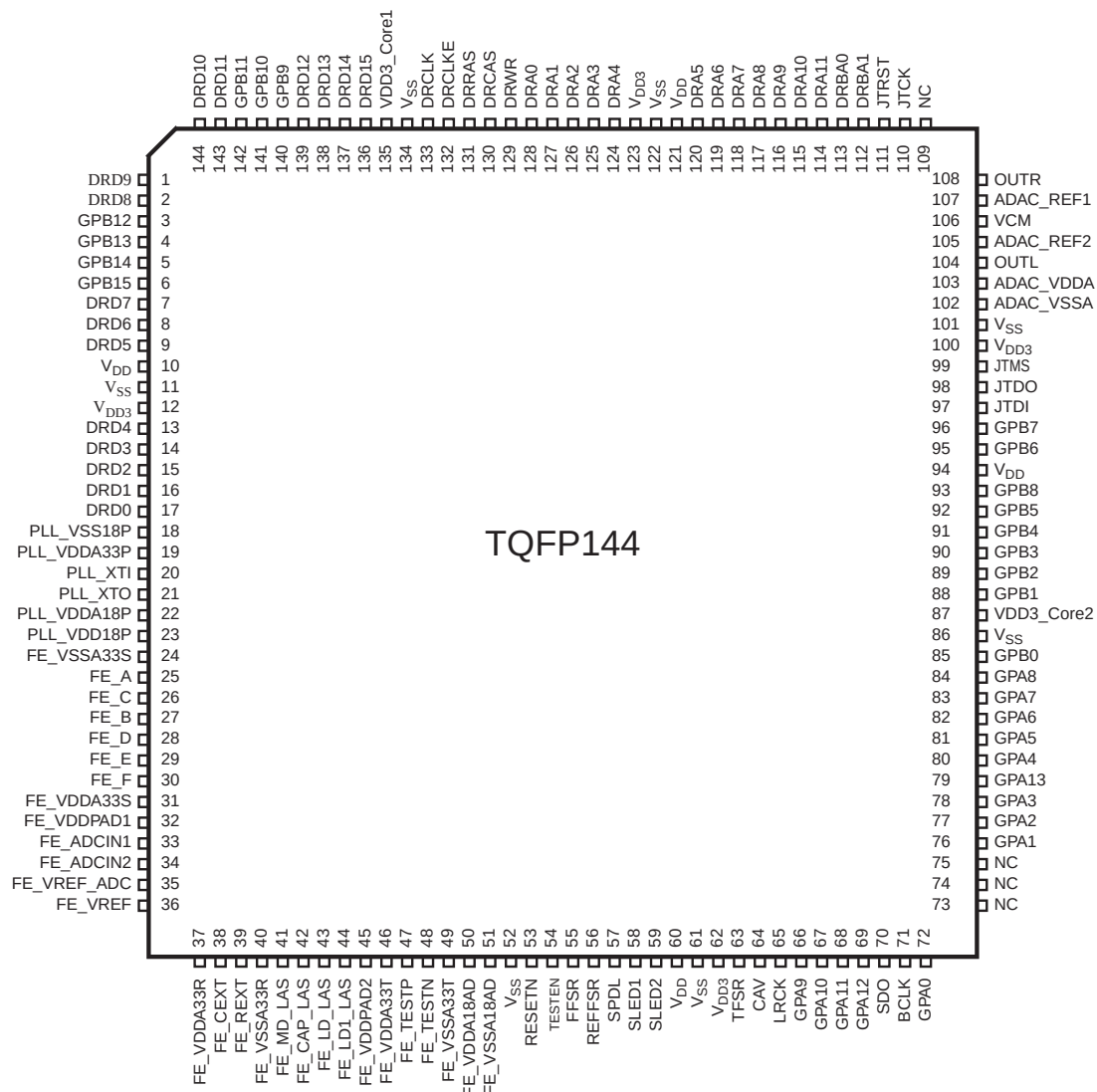


2. Block Diagram

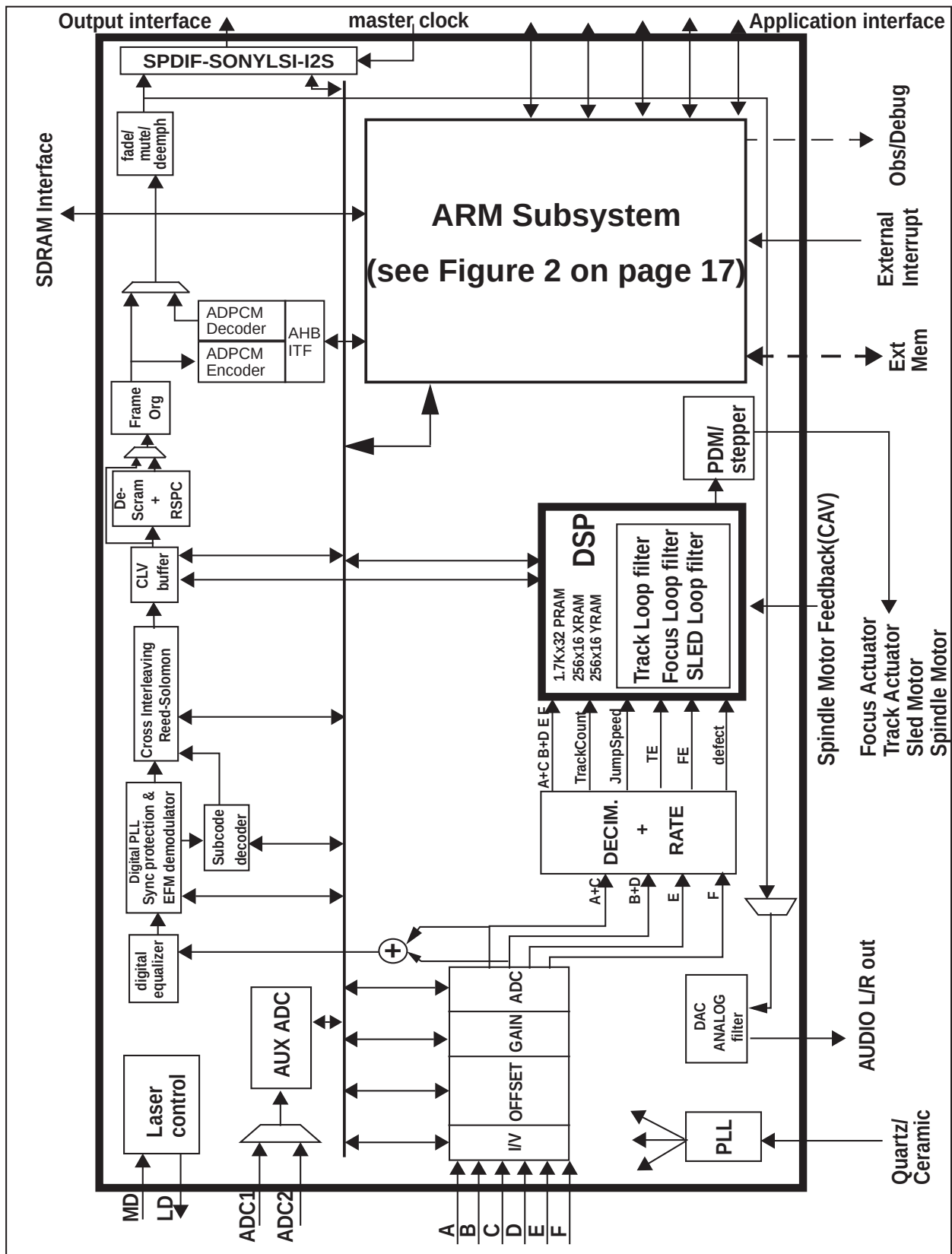


STA1052 : CD-ROM

1. Pin Function



2. Block Diagram



3. Pin Description

N°	Name	Description	Pin Type	TQFP 144
1	GPC9(DRD9)	GPIO PC9 (SDRAM Data 9)	bidir, 3.3V, 4mA	1
2	GPC8(DRD8)	GPIO PC8 (SDRAM Data 8)	bidir, 3.3V, 4mA	2
3	GPB12	GPIO PB12(BSPI1_SS)	bidir, 3.3V, 2mA, PU (default off)	3
4	GPB13	GPIO PB13 (BSPI1_MISO)	bidir, 3.3V, 2mA, PU (default off)	4
5	GPB14	GPIO PB14 (BSPI1_MOSI)	bidir, 3.3V, 2mA, PU (default off)	5
6	GPB15	GPIO PB15 (BSPI1_SCK)	bidir, 3.3V, 2mA, PU (default off)	6
7	GPC7(DRD7)	GPIO PC7 (SDRAM Data 7)	bidir, 3.3V, 4mA	7
8	GPC6(DRD6)	GPIO PC6 (SDRAM Data 6)	bidir, 3.3V, 4mA	8
9	GPC5(DRD5)	GPIO PC5 (SDRAM Data 5)	bidir, 3.3V, 4mA	9
10	VDD	Core VDD1.8 V	VDD	10
11	VSS	Digital pad ring VSS ground	VSS	11
12	VDD3	Digital pad ring VDD3 3.3 V	VDD3	12
13	GPC4(DRD4)	GPIO PC4 (SDRAM Data 4)	bidir, 3.3V, 4mA	13
14	GPC3(DRD3)	GPIO PC3 (SDRAM Data 3)	bidir, 3.3V, 4mA	14
15	GPC2(DRD2/ SFLASH_MISO)	GPIO PC2 (SDRAM Data 2 or Serial Flash Master In/Slave Out)	bidir, 3.3V, 4mA	15
16	GPC1(DRD1/ SFLASH_MOSI)	GPIO PC1 (SDRAM Data 1 or Serial Flash Master Out/Slave In)	bidir, 3.3V, 4mA	16
17	GPC0(DRD0/ SFLASH_SCK)	GPIO PC0 (SDRAM Data 0 or Serial Flash clock)	bidir, 3.3V, 4mA	17
18	PLL_VSS18P	PLL Digital & Analog ground	VSS	18
19	PLL_VDDA33P	PLL 3.3 Analog power supply	VDD	19
20	PLL_XTI	Crystal input	analog in	20
21	PLL_XTO	Crystal output	analog out	21
22	PLL_VDDA18P	PLL 1.8V Analog power supply	VDD	22
23	PLL_VDD18P	PLL 1.8V Digital power supply	VDD	23
24	FE_VSSA33S	Ground for servo channels	VSS	24
25	FE_A	OPU A input	analog in	25
26	FE_C	OPU C input	analog in	26

N°	Name	Description	Pin Type	TQFP 144
27	FE_B	OPU B input	analog in	27
28	FE_D	OPU D input	analog in	28
29	FE_E	OPU E input	analog in	29
30	FE_F	OPU F input	analog in	30
31	FE_VDDA33S	3.3V Analog for servo channels/ 3.3V for AFE pad ring (decoupling cap to Vssa)	VDD	31
32	FE_VDDPAD1	3.3V for AFE pad ring	VDD	32
33	FE_ADCIN1	General purpose ADC input 1	analog in	33
34	FE_ADCIN2	General purpose ADC input 2	analog in	34
35	FE_VREF_ADC	General purpose ADC Vtop reference output	analog out	35
36	FE_VREF	External Vref Pickup (decoupling cap 1nF)	analog out	36
37	FE_VDDA33R	Analog 3.3V for Bandgap	VDD	37
38	FE_CEXT	external cap for bandgap (1nF)	analog	38
39	FE_REXT	external res for bandgap (25kOhm)	analog	39
40	FE_VSSA33R	Analog Ground Bandgap	Vss	40
41	FE_MD_LAS	Laser driver input from monitor diode	analog in	41
42	FE_CAP_LAS	Laser driver compensation cap (30nF)	analog	42
43	FE_LD_LAS	First Laser driver output	analog out	43
44	FE_LD1_LAS	Second Laser driver output	analog out	44
45	FE_VDDPAD2	3.3V for AFE pad ring	VDD	45
46	FE_VDDA33T	Analog 3.3V for test buffer	VDD	46
47	FE_TESTP	Test Buffer Positive Output	analog out	47
48	FE_TESTN	Test Buffer Negative Output	analog out	48
49	FE_VSSA33T	Analog Ground Test Buffer	VSS	49
50	FE_VDDA18AD	Analog 1.8V ADC	VDD	50
51	FE_VSSA18AD	Analog ground ADC	VSS	51
52	VSS	Core VSS ground	VSS	52
53	RESETN	Hardware reset input (pull-up)	in, schmitt, 3.3 V	53
54	TESTEN	Test enable signal (Active low)	in, 3.3V	54
55	FFSR	Focusing actuator control signal output - PDM	bidir, 3.3V, 2mA	55
56	REFFSR	Clock (50% duty cycle) for Actuator PDM reference	bidir, 3.3V, 2mA	56
57	SPDL	Spindle motor control signal output - PDM	bidir, 3.3V, 2mA	57

N°	Name	Description	Pin Type	TQFP 144
58	SLED1	SLED motor control signal output1 (stepping/DC) - PDM	bidir, 3.3V, 2mA	58
59	SLED2	SLED motor control signal output2 (stepping) -PDM	bidir, 3.3V, 2mA	59
60	VDD	Core VDD 1.8 V	VDD	60
61	VSS	Digital pad ring VSS ground	VSS	61
62	VDD3	Digital pad ring VDD3 3.3 V	VDD3	62
63	TFSR	Tracking actuator control signal output - PDM	bidir, 3.3V, 2mA	63
64	CAV	CAV feedback input	in, 3.3V	64
65	LRCK	Serial L/R clock	bidir, 3.3V, 2mA	65
66	GPA9	GPA9 (I2S1_Tx_SCK)	bidir, 3.3V, 2mA, PU (default off)	66
67	GPA10	GPA10 (I2S1_Tx_WCK)	bidir, 3.3V, 2mA, PU (default off)	67
68	GPA11	GPA11 (I2S1_Tx_SDO)	bidir, 3.3V, 2mA, PU (default off)	68
69	GPA12	GPA12 (I2S1_ref_CK)	bidir, 3.3V, 2mA, PU (default off)	69
70	SDO/SPDIF	Serial Bit data or SPDIF Digital output	bidir, 3.3V, 2mA	70
71	BCLK	Serial Bit clock	bidir, 3.3V, 2mA	71
72	GPA0 (EINT0)	GPIO PA0 (External Interrupt 0/ Timer0 Output0)	bidir, 3.3V, 2mA, PU (default off)	72
-	NC	<i>Not Connected</i>		73
-	NC	<i>Not Connected</i>		74
-	NC	<i>Not Connected</i>		75
73	GPA1 (EINT1)	GPIO PA1 (External Interrupt 1/ Timer0 Output1)	bidir, 3.3V, 2mA, PU (default off)	76
74	GPA2 (EINT2)	GPIO PA2 (External Interrupt 2/ Timer1 Output0)	bidir, 3.3V, 2mA, PU (default off)	77
75	GPA3 (EINT3)	GPIO PA3 (External Interrupt 3/ Timer1 Output1)	bidir, 3.3V, 2mA, PU (default off)	78
76	GPA13	GPIO PA13 (SPDIF Rx)	bidir, 3.3V, 2mA, PU (default off)	79
77	GPA4 (EINT4)	GPIO PA4 (External Interrupt 4/)	bidir, 3.3V, 2mA, PU (default off)	80
78	GPA5 (EINT5)	GPIO PA5 (External Interrupt 5)	bidir, 3.3V, 2mA, PU (default off)	81

N°	Name	Description	Pin Type	TQFP 144
79	GPA6 (EINT6)	GPIO PA6 (External Interrupt 6)	bidir, 3.3V, 2mA, PU (default off)	82
80	GPA7 (EINT7)	GPIO PA7 (External Interrupt 7)	bidir, 3.3V, 2mA, PU (default off)	83
81	GPA8 (EINT8)	GPIO PA8 (External Interrupt 8)	bidir, 3.3V, 2mA, PU (default off)	84
82	GPB0/SFLASH_SS (EINT9)	GPIO PB0 or Serial Flash Slave Select (External Interrupt 9)	bidir, 3.3V, 2mA, PU (default off)	85
83	VSS	Digital pad ring VSS ground	Vss	86
84	VDD3_Core2	Digital pad ring VDD3 3.3 V	VDD3	87
85	GPB1/I2C_CRQ (EINT10)	GPIO PB1 or I2C CRQ line (External Interrupt 10)	bidir, 5V tol, 2mA	88
86	GPB2/I2C_SCL (EINT11)	GPIO PB2 or I2C I/F clock (External Interrupt 11)	bidir, 5V tol, 2mA	89
87	GPB3/I2C_SDA (EINT12)	GPIO PB3 or I2C I/F data (External Interrupt 12)	bidir, 5V tol, 2mA	90
88	GPB4/SCI0TX	GPIO PB4 or Serial interface 0 TX or EXTCK_OIF	bidir, 3.3V, 2mA, PU (default off)	91
89	GPB5/SCI0RX (EINT13)	GPIO PB5 or Serial interface 0 RX (External Interrupt 13)	bidir, 3.3V, 2mA, PU (default off)	92
90	GPB8/C2PO/USBCK	GPIO PB8 or C2PO (EIAJ CP-340) or USB Clock line (48 MHz)	bidir, 3.3V, 2mA, PU (default off)	93
91	VDD	Core VDD 1.8 V	VDD	94
92	GPB6/SCI1TX/ USBDM	GPIO PB6 or Serial Interface 1 TX or USB D- line	bidir, 3.3V, 2mA, USBpad, PU (default off)	95
93	GPB7/SCI1RX/ USBDP (EINT14)	GPIO PB7 or Serial Interface 1 RX or USB D+ line (External Interrupt 14)	bidir, 3.3V, 2mA, USBpad, PU (default off)	96
94	JTDI	JTAG test data input	in, 3.3V	97
95	JTDO	JTAG test data output	out, 3.3V, 2mA	98
96	JTMS	JTAG test mode select input	in, 3.3V	99
97	VDD3	Digital pad ring VDD3 3.3 V	VDD3	100
98	VSS	Digital pad ring VSS ground	Vss	101
99	ADAC_VSSA	Audio DAC ground	VSSDAC	102
100	ADAC_VDDA	Audio DAC supply 3.3 V	VDDDAC	103
101	OUTL	Left channel analog output	analog out	104
102	ADAC_REF2	Audio DAC VLO (GND)	analog in	105

N°	Name	Description	Pin Type	TQFP 144
103	VCM	Common Mode input for audio DAC (1.65V)	analog in	106
104	ADAC_REF1	Audio DAC VHI (3.3V)	analog in	107
105	OUTR	Right channel analog output	analog out	108
-	NC	<i>Not Connected</i>		109
106	JTCK	JTAG test clock input	in, 3.3V	110
107	JTRST	JTAG test reset input	in, schmitt, 3.3V	111
108	DRBA1	SDRAM Bank sel address 1	out, 3.3V, 4mA	112
109	DRBA0/CFG4	SDRAM Bank sel address 0 and Configuration bit 4 (latched at reset)	bidir, 3.3V, 4mA	113
110	DRA11/CFG3	SDRAM Address 11 and Configuration bit 3 (latched at reset)	bidir, 3.3V, 4mA	114
111	DRA10/CFG2	SDRAM Address 10 and Configuration bit 2 (latched at reset)	bidir, 3.3V, 4mA	115
112	DRA9/CFG1	SDRAM Address 9 and Configuration bit 1 (latched at reset)	bidir, 3.3V, 4mA	116
113	DRA8/CFG0	SDRAM Address 8 and Configuration bit 0 (latched at reset)	bidir, 3.3V, 4mA	117
114	DRA7	SDRAM Address 7	out, 3.3V, 4mA	118
115	DRA6	SDRAM Address 6	out, 3.3V, 4mA	119
116	DRA5	SDRAM Address 5	out, 3.3V, 4mA	120
117	VDD	Core VDD 1.8 V	VDD	121
118	VSS	Digital pad ring VSS ground	VSS	122
119	VDD3	Digital pad ring VDD3 3.3 V	VDD3	123
120	DRA4	SDRAM Address 4	out, 3.3V, 4mA	124
121	DRA3	SDRAM Address 3	out, 3.3V, 4mA	125
122	DRA2	SDRAM Address 2	out, 3.3V, 4mA	126
123	DRA1	SDRAM Address 1	out, 3.3V, 4mA	127
124	DRA0	SDRAM Address 0	out, 3.3V, 4mA	128
125	DRWR	SDRAM Write control	out, 3.3V, 4mA	129
126	DRCAS	SDRAM Col address sel	out, 3.3V, 4mA	130
127	DRRAS	SDRAM Row address sel	out, 3.3V, 4mA	131
128	DRCLKE	SDRAM CLK enable	out, 3.3V, 4mA	132
129	DRCLK	SDRAM CLK	out, 3.3V, 4mA	133
130	VSS	Digital pad ring VSS ground	VSS	134

N°	Name	Description	Pin Type	TQFP 144
131	VDD3_Core1	Digital pad ring VDD3 3.3 V	VDD3	135
132	GPC15 (DRD15)	GPIO PC15 (SDRAM Data 15)	bidir, 3.3V, 4mA	136
133	GPC14 (DRD14)	GPIO PC14 (SDRAM Data 14)	bidir, 3.3V, 4mA	137
134	GPC13 (DRD13)	GPIO PC13 (SDRAM Data 13)	bidir, 3.3V, 4mA	138
135	GPC12 (DRD12)	GPIO PC12 (SDRAM Data 12)	bidir, 3.3V, 4mA	139
136	GPB9	GPB9 (I2S1_Rx_SCK)	bidir, 3.3V, 2mA, PU (default off)	140
137	GPB10	GPB10 (I2S1_Rx_WCK)	bidir, 3.3V, 2mA, PU (default off)	141
138	GPB11	GPB11 (I2S1_Rx_SDI)	bidir, 3.3V, 2mA, PU (default off)	142
139	GPC11 (DRD11)	GPIO PC11 (SDRAM Data 11)	bidir, 3.3V, 4mA	143
140	GPC10 (DRD10)	GPIO PC10 (SDRAM Data 10)	bidir, 3.3V, 4mA	144

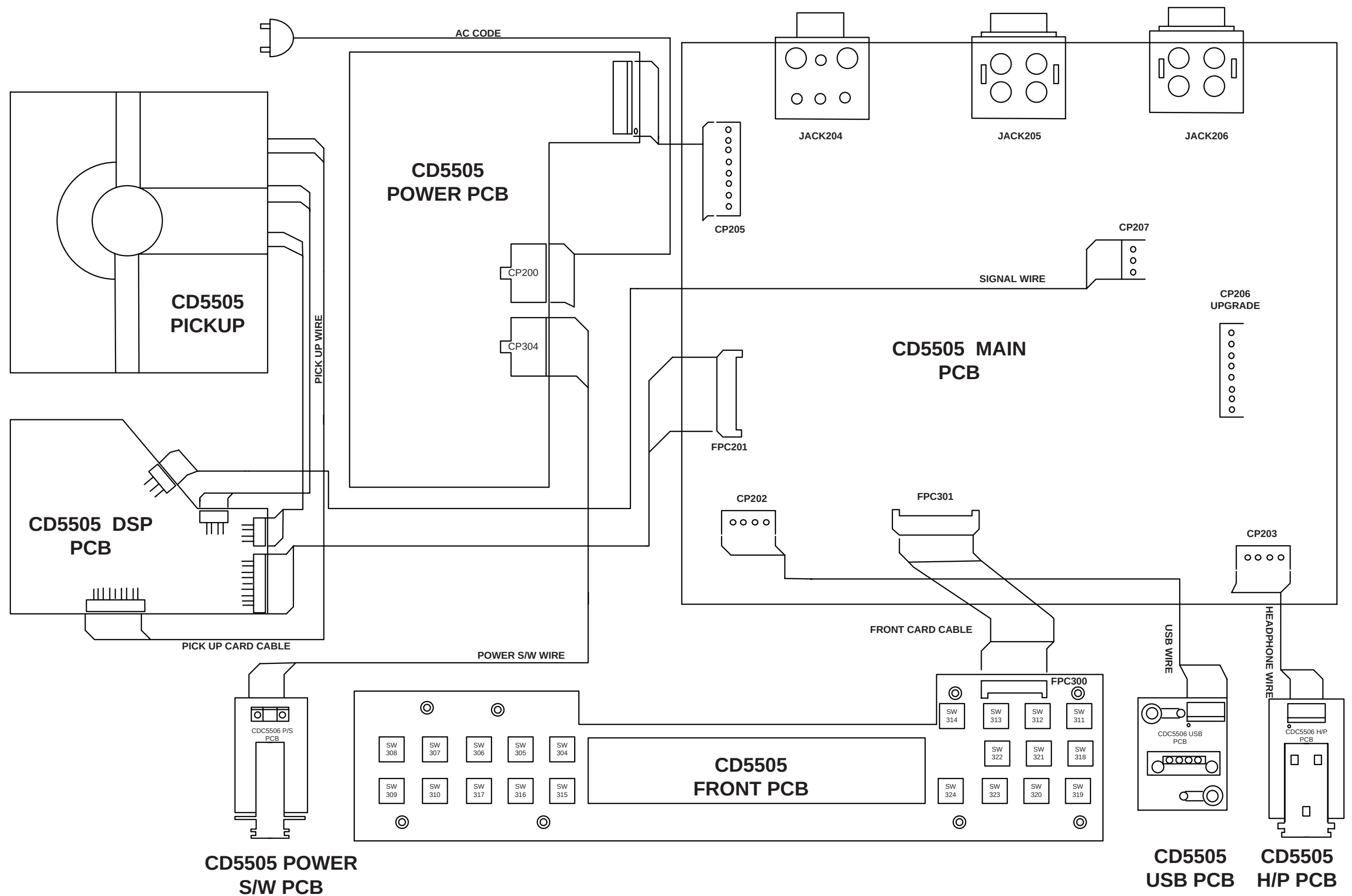
TROUBLESHOOTING

Symptom	Cause and Remedy	Ref No.
Power On Failure 1. FLT does not light up.	A) AC-Cord check. B) Power Trans (Main/Standby) check. C) Fuse's disconnection check. D) Connector's disconnection or disjunction. Change or close insertion of the connector. E) Inferior ST-BY switch. F) VFD Driver I.C VCC(+3.3)V check. 1. VFD Driver I.C VCC(+3.3)V check. 2. VFD Driver clock pulse check.	F200(POWER) CN205(POWER), FPC301(MAIN) SW200(POWER SW) I.C307(FRONT) I.C307 Pin No.13,43(FORNT) I.C307 Pin No.5(FRONT)
Key Disorder.	A) Key's being pushed check. B) Key signal input components inferior. C) Key data check. D) μ -COM I.C inferior 1. μ -COM I.C VCC +3.3V check.	SW200(POWER SW) I.C206 Pin No.90,91,92(MAIN) I.C206 Pin No.16,62,98,99(MAIN)
"NO DISC" Lights up on FL.	A) Pick up Unit inferior. B) Spindle motor Driver IC check. 1. Spindle Motor Driver IC voltage check. 2. DSP IC SSTP terminal check. 3. Motor Driver voltage check. C) μ -COM I.C CLOCK frequency oscillation inferior. D) μ -COM vdd voltage inferior(+3.3V).	CN5 Pin No.2(+3.3V), Pin No.1(+1.6V)DSP I.C 8(DSP) I.C1 Pin No.7,8,20(DSP) RES200(MAIN) I.C206 Pin No.16,62,98,99(MAIN)
"OPEN/CLOSE" Failure	A) Open/Close Motro Driver I.C check. 1. Regulator IC voltage check(+8V). 2. Drive IC control input terminal check. B) Openn/Close Motor Driver IC inferior. C) μ -COM Control data check. D) Open/Close Leaf sw inferior.	I.C202 Pin No.3(POWER) I.C1(DSP) I.C1(DSP) I.C206 Pin No.28,29,30(MAIN), IC1 Pin No.1, 2(DSP) CN7 Pin No.3(DSP)
Digi-Link Failure	A) Digi-Link in disconnection check. B) μ -COM I.C & Resonator inferior. 1. μ -COM I.C VCC (+3.3V) check. 2. μ -COM I.C CLOCK frequency oscillation inferior.	I.C 206 Pin No.16,62,98,99(MAIN) RES200(MAIN)
PICK UP's vibration	A) System clock frequency inferior. B) DSP I.C check. 1. DSP IC VDD voltage check. 2. Data input check(data/clock/XLT)	Y1(33.86 MHz)(DSP) I.C8 Pin No.10,22,23,50,60,94,121(+1.8V), Pin No.12,19,31,32,37,45,46,62, 87,100,103,107,123,135(+3.3V)(DSP) I.C8 Pin No.25,26,27,28,29,30(DATA), Pin No.20,21(CLOCK)(DSP)

Symptom	Cause and Remedy	Ref No.
Optical output DEAD	A) Noninverting IC check. 1. DSP Optical output check.	LD:I.C8 Pin No,43,44, MD:I.C8 Pin No.41(DSP)
CD sound DEAD 1. L/R Channel dead 2. LEFT Channel dead 3. RIGHT Channel dead	A) MUTE TR inferior. B) Connector's disconnection or disjunction. Change or close insertion of the connector. C) DSP I.C check. 1. DSP I.C VDD voltage check. 2. Signal output check.	Q203,204,205,206(MAIN) I.C8 Pin No.10,22,23,50,60,94,121(+1.8V), Pin No.12,19,31,32,37,45,46,62,87,100,103, 107,123,135(+3.3V)(DSP) I.C8 Pin No.104,108(DSP)
USB Failure	A) Regulator I.C voltage check(+5V) B) DSP IC check. 1. DSP I.C VDD voltage check. 2. USB Data input check.	I.C306 Pin No.2(MAIN) I.C8 Pin No.10,22,23,50,60,94,121(+1.8V), Pin No.12,19,31,32,37,45,46,62,87,100,103, 107,123,135(+3.3V)(DSP) I.C8 Pin No.95,96(DSP)

WIRING DIAGRAM

Model : CD-5505



MECHANICAL PARTS LIST

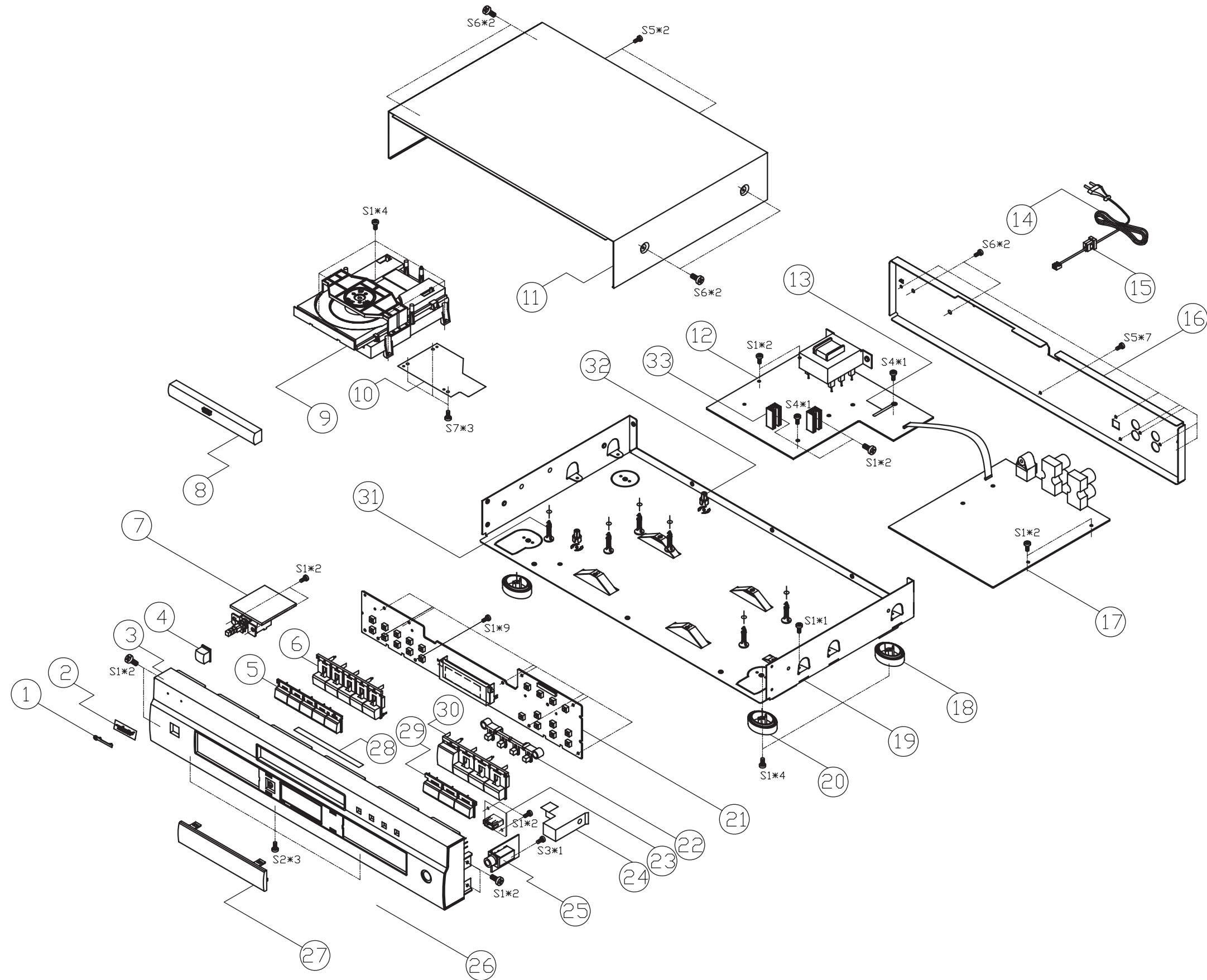
Model : CD-5505

MODEL (TYPE)		CD-5505(G GROUP)		CD-5505(DOM)	
MODEL CODE		HD100101		HD100102	
NO	PART NAME	PART NUMBER	Q	PART NUMBER	Q
1	BADGE(SHERWOOD)	5637-21003-101-0S	1		
2	BADGE(INKEL)			5637-04050-101-0S	1
3	PANEL FRONT	3067-02122-110-0S	1	3067-02122-110-0S	1
4	BUTTON POWER PUSH	5090-20009-101-0S	1	5090-20009-101-0S	1
5	BUTTON "0" NUMERIC	5097-02181-101-0S	1	5097-02181-101-0S	1
6	BUTTON "5" NUMERIC	5097-02180-101-0S	1	5097-02180-101-0S	1
7	PCB POWER SW	7028-07036-401-0	1	7028-07036-401-0	1
8	COVER TRAY	4317-02063-101-0S	1	4317-02063-101-0S	1
9	MECHA ASSY	8038-04151-901-1SZ	1	8038-04151-901-1SZ	1
10	UNIT ASSY	8178-05505-501-0S	1	8178-05505-501-0S	1
11	CABINET TOP COVER	3000-04121-604-0S	1	3000-04121-604-0S	1
12	PCB POWER	7028-07036-301-0	1	7028-07036-701-0	1
13	CLAMP(MTG)	4330-00031-000-0S	1	4330-00031-000-0S	1
14	CORD ASSY	L068-25025-004-0S	1	L068-25025-005-0S	1
15	STOPPER	4380-04016-201-0S	1	4380-04016-201-0S	1
16	CHASSIS BACK	3207-02082-610-0S	1	3207-02082-611-0S	1
17	PCB MAIN	7028-07036-101-0	1	7028-07036-101-0	1
18	FOOT(BLACK)	4000-04020-101-0S	2	4000-04020-101-0S	2
19	CHASSIS MAIN	3200-04421-603-0S	1	3200-04421-603-0S	1
20	FOOT(H/S-GOLD)	4007-04101-101-0S	2	4007-04101-101-0S	2
21	PCB FRONT	7028-07036-201-0	1	7028-07036-201-0	4
22	BUTTON "4" NUMERIC	5090-02179-101-0S	1	5090-02179-101-0S	1
23	PCB USB	7028-07036-501-0	1	7028-07036-501-0	1
24	SHIELD PLATE USB	3070-21065-600-0S	1	3070-21065-600-0S	1
25	PCB HEADPHONE	7028-07036-601-0	1	7028-07036-601-0	1
26	COVER USB	4310-21489-500-0S	1	4310-21489-500-0S	1
27	WINDOW DISPLAY	5077-02063-301-0S	1	5077-02063-301-0S	1
28	FELT STRIP	2690-04005-701-0S	1	2690-04005-701-0S	1
29	BUTTON REPEAT	5097-02183-101-0S	1	5097-02183-101-0S	1
30	BUTTON RANDOM	5097-02182-101-0S	1	5097-02182-101-0S	1
31	FASTENER	4420-01022-301-0S	6	4420-01022-301-0S	6
32	SPACER	4300-04056-101-0S	2	4300-04056-101-0S	2
33	HEAT SINK(24*30)	2120-04428-801-0S	2	2120-04428-801-0S	2

SCREW				
NO	PART NAME	PART NUMBER	CD-5505 G GROUP	CD-5505 DOM
S1	SCREW +2S 3*8 B-TYPE ZNW/BH	B020-03008-1B1-0S	32	32
S2	SCREW +2S 3*8 B-TYPE BK/BH	B020-03008-3B1-0S	3	3
S3	SCREW +2S 3*8 ZNY WASHER PI12	1500-00145-601-0S	1	1
S4	SCREW +2S 3*18 B-TYPE ZNW/BH	B020-03018-1B1-0S	2	2
S5	SCREW +2S 3*10 B-TYPE(DOT) BK/BH	B020-03010-3B1-1S	9	9
S6	SCREW +2S 4*8 B-TYPE(DOT) BK/BH	1500-04008-3B1-0S	6	6
S7	SCREW +2S 2.6*8 B-TYPE ZNW/BH	B020-02608-1B1-0S	3	3

EXPLODED VIEW

Model : CD-5505



ELECTRICAL PARTS LIST

REF. No.	DESCRIPTION	Q'TY.	PARTS No.	VER.
PCB1	ASSEMBLY P.C.B BOARD MAIN		7028070361010	D/G
	CAPACITORS			
C149	C,CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	D/G
C227	C,CERAMIC CHIP HIK 0.047 uF 50V Z	1	D011473597160S	D/G
C228 ~ C229	C,CERAMIC CHIP HIK 0.1 uF 50V K	2	D011104577160S	D/G
C230	C,ELECT GE 85C 100 uF 10V M	1	D040101082070S	D/G
C231	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C232	C,CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	D/G
C233	C,CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	D/G
C234	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C235	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C236	C,CERAMIC CHIP HIK 470 pF 50V J	1	D011471767160S	D/G
C238	C,CERAMIC CHIP T.C 470 pF 50V J	1	D010471167160S	D/G
C239	C,CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	D/G
C240	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C241 ~ C242	C,ELECT GE 85C 2.2 uF 50V M	2	D0402R2087120S	D/G
C243	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C244	C,CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	D/G
C245 ~ C246, C248	C,CERAMIC CHIP HIK 0.1 uF 50V K	3	D011104577160S	D/G
C249	C,CERAMIC CHIP HIK 2200 pF 50V K	1	D011222777160S	D/G
C250	C,ELECT GE 85C 22 uF 16V M	1	D040220083060S	D/G
C251	C,CERAMIC CHIP HIK 2200 pF 50V K	1	D011222777160S	D/G
C252	C,CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	D/G
C253	C,CERAMIC CHIP T.C 100 pF 50V J	1	D010101167160S	D/G
C254	C,ELECT GE 85C 100 uF 10V M	1	D040101082070S	D/G
C255	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C256	C,CERAMIC CHIP HIK 1000 pF 50V K	1	D011102777160S	D/G
C257	C,ELECT GE 85C 22 uF 16V M	1	D040220083060S	D/G
C258	C,CERAMIC CHIP T.C 560 pF 50V J	1	D010561167160S	D/G
C259	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C260	C,ELECT GE 85C 100 uF 10V M	1	D040101082070S	D/G
C261 ~ C262	C,CERAMIC CHIP T.C 100 pF 50V J	2	D010101167160S	D/G
C263	C,CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	D/G
C264	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C265	C,ELECT GE 85C 220 uF 16V M	1	D040221083110S	D/G
C266 ~ C267	C,CERAMIC CHIP HIK 0.01 uF 50V K	2	D011103777160S	D/G
C268	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C270	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C271 ~ C272	C,CERAMIC CHIP HIK 0.1 uF 50V K	2	D011104577160S	D/G
C273	C,ELECT GE 85C 22 uF 16V M	1	D040220083060S	D/G
C274 ~ C275	C,CERAMIC CHIP HIK 0.1 uF 50V K	2	D011104577160S	D/G
C276	C,ELECT GE 85C 10 uF 50V M	1	D040100087080S	D/G
C277	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C592 ~ C593, C595 ~ C596	C,CERAMIC CHIP HIK 1000 pF 50V K	4	D011102777160S	D/G
	COILS			
L145, L202 ~ L204	COIL,BEAD	4	D340160811210S	D/G
L205	COIL,FILTER-INDUCTOR	1	D330100700520S	D/G
L206, L210 ~ L211	COIL,BEAD	3	D340160811210S	D/G
	CONNECTORS			
CP202 ~ CP203	CN.WAFER 2.0MM	2	L101200100410S	D/G
CP205	CN.WAFER 2.0MM	1	L101200101510S	D/G
CP207	CN.WAFER 2.0MM	1	L101200100310S	D/G
FPC101	CN.FPC 1.0MM	1	L130100090850S	D/G
FPC201	CN.FPC 1.0MM	1	L130100111510S	D/G
FPC301	CN.FPC 1.25MM	1	L131125021510S	D/G
	DIODES			
D102, D211 ~ D212	D,SWITCHING CHIP	3	K005041483230S	D/G
D213	D,SWITCHING	1	K000013300520S	D/G
D214, D216 ~ D220	D,SWITCHING CHIP	6	K005041483230S	D/G
ZD100	D,ZENER CHIP	1	K06606R24P400S	D/G
ZD203	D,ZENER CHIP	1	K06602R44P400S	D/G
ZD204	D,ZENER CHIP	1	K06603R94P400S	D/G
	INTERGRATED CIRCUITS			
IC204	IC,LINEAR OP	1	J121455600010S	D/G
IC205	IC,LINEAR OP	1	J121458001010S	D/G
IC206	IC,CPU MICRO PROCESS	1	J020303020040S	D/G
IC207	IC,MEMORY-EEPROM	1	J000240800020S	D/G
IC306	IC,LINEAR-REGULATOR	1	J126111750010S	D/G
	JACKS			
JACK205	TER,RCA 2PIN	1	G601207BE110YS	D/G

REF. No.	DESCRIPTION	Q'TY.	PARTS No.	VER.
JACK206	TER,RCA 2PIN	1	G601207BE020YS	D/G
	RESISTORS			
J304 ~ J307, J312 ~ J313, J316 ~ J318, J321	R,CHIP THICK 0 ohm 1/8W J	10	C200000061300S	D/G
R149	R,CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	D/G
R156	R,CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	D/G
R165	R,CHIP THICK 22 kohm 1/16W J	1	C20002236M160S	D/G
R179	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R212	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R213	R,CHIP THICK 470 kohm 1/16W J	1	C20004746M160S	D/G
R214 ~ R215	R,METAL FILM 100PPM 1.2 kohm 1/4W J	2	C060012263050S	D/G
R216	R,CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	D/G
R217	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R218	R,CHIP THICK 56 ohm 1/16W J	1	C20005606M160S	D/G
R219	R,CHIP THICK 5.6 kohm 1/16W J	1	C20005626M160S	D/G
R221 ~ R222	R,CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	D/G
R223	R,CHIP THICK 56 ohm 1/16W J	1	C20005606M160S	D/G
R224	R,CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	D/G
R225	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R226 ~ R229	R,CARBON FILM 10 kohm 1/5W J	4	C00001036P520S	D/G
R230	R,CHIP THICK 47 ohm 1/16W J	1	C20004706M160S	D/G
R231	R,CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	D/G
R232	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R233	R,CHIP THICK 5.6 kohm 1/16W J	1	C20005626M160S	D/G
R235	R,CHIP THICK 2.7 kohm 1/16W J	1	C20002726M160S	D/G
R236 ~ R237	R,CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	D/G
R238	R,CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	D/G
R239	R,CHIP THICK 270 ohm 1/16W J	1	C20002716M160S	D/G
R240	R,CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	D/G
R241	R,CHIP THICK 2.7 kohm 1/16W J	1	C20002726M160S	D/G
R242 ~ R243	R,CHIP THICK 100 kohm 1/16W J	2	C20001046M160S	D/G
R244	R,CARBON FILM 2.2 kohm 1/4W J	1	C000022263520S	D/G
R245	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R246	R,CARBON FILM 10 kohm 1/5W J	1	C00001036P520S	D/G
R247	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R248	R,CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	D/G
R249	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R250	R,CARBON FILM 2.2 kohm 1/4W J	1	C000022263520S	D/G
R251	R,CHIP THICK 33 kohm 1/16W J	1	C20003336M160S	D/G
R252	R,CHIP THICK 100 ohm 1/16W J	1	C20001016M160S	D/G
R253	R,CHIP THICK 270 ohm 1/16W J	1	C20002716M160S	D/G
R254	R,CHIP THICK 470 ohm 1/16W J	1	C20004716M160S	D/G
R255 ~ R256	R,CARBON FILM 33 kohm 1/5W J	2	C00003336P520S	D/G
R257 ~ R258	R,CHIP THICK 33 ohm 1/16W J	2	C20003306M160S	D/G
R259	R,CARBON FILM 10 kohm 1/5W J	1	C00001036P520S	D/G
R260	R,CARBON FILM 33 ohm 1/5W J	1	C00003306P520S	D/G
R262	R,CARBON FILM 100 kohm 1/5W J	1	C00001046P520S	D/G
R263	R,CHIP THICK 100 kohm 1/16W J	1	C20001046M160S	D/G
R264	R,CARBON FILM 10 kohm 1/5W J	1	C00001036P520S	D/G
R265	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R266	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R267	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R268	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R269	R,CARBON FILM 10 kohm 1/5W J	1	C00001036P520S	D/G
R270 ~ R271	R,CHIP THICK 4.7 kohm 1/16W J	2	C20004726M160S	D/G
R272	R,CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	D/G
R273	R,CHIP THICK 22 kohm 1/16W J	1	C20002236M160S	D/G
R274	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R275	R,CARBON FILM 390 ohm 1/5W J	1	C00003916P520S	D/G
R278	R,CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	D/G
R279 ~ R281	R,CHIP THICK 10 kohm 1/16W J	3	C20001036M160S	D/G
	TRANSISTORS			
Q109	SEMI,CHIP TR/NPN 2SC	1	J5223875Y0210S	D/G
Q154	SEMI,CHIP TR/NPN 2SC	1	J522010200210S	D/G
Q156	SEMI,CHIP TR/PNP 2SA	1	J520010200210S	D/G
Q202	SEMI,CHIP TR/PNP 2SA	1	J520010500210S	D/G
Q203 ~ Q206	SEMI,CHIP TR/NPN 2SC	4	J5222875B0010S	D/G
Q207	SEMI,CHIP TR/NPN 2SC	1	J522010200210S	D/G
Q208	SEMI,CHIP TR/NPN 2SC	1	J5222875B0010S	D/G
	MISCELLANEOUS			
CLAMP201	CLAMP	1	4330000120000S	D/G
GND103 ~ GND104	TERMINAL	2	3790040886000S	D/G
J362, J365, J368, J372 ~ J373, J376 ~ J397, J399 ~ J401, J403, J408, J410 ~ J412, J418 ~ J420	CN,WIRE 1P	38	L045084006040S	D/G

REF. No.	DESCRIPTION	Q'TY.	PARTS No.	VER.
JACK204	MODULE	1	E100116500030S	D/G
RES200	RESONATOR,CERAMIC	1	E830160000060S	D/G
	P.C.B	1	7020070360000S	D/G
PCB2	ASSEMBLY P.C.B BOARD FRONT		7028070362010	D/G
	CAPACITORS			
C367	C,FILM POLYESTER 0.047 uF 100V J	1	D02047306C060S	D/G
C368	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C369	C,FILM POLYESTER 0.047 uF 100V J	1	D02047306C060S	D/G
C370	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C371 ~ C372	C,CERAMIC CHIP HIK 0.01 uF 50V K	2	D011103777160S	D/G
C373	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C374	C,ELECT GE 85C 47 uF 16V M	1	D040470083070S	D/G
C375	C,CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	D/G
C376 ~ C378	C,CERAMIC CHIP T.C 100 pF 50V J	3	D010101167160S	D/G
C379 ~ C381	C,CERAMIC CHIP HIK 0.01 uF 50V K	3	D011103777160S	D/G
	CONNECTORS			
FPC300	CN.FPC 1.25MM	1	L131125021520S	D/G
	INTERGRATED CIRCUITS			
IC307	IC,LINEAR-DRIVER	1	J127163150010S	D/G
	RESISTORS			
J302, J309 ~ J310	R,CHIP THICK 0 ohm 1/8W J	3	C200000061300S	D/G
R358	R,CHIP THICK 0 ohm 1/16W J	1	C20000006M160S	D/G
R359 ~ R380	R,CHIP THICK 56 kohm 1/16W J	22	C20005636M160S	D/G
R381	R,CHIP THICK 82 kohm 1/16W J	1	C20008236M160S	D/G
R382	R,CHIP THICK 220 ohm 1/16W J	1	C20002216M160S	D/G
R383 ~ R385	R,CHIP THICK 470 ohm 1/16W J	3	C20004716M160S	D/G
R386	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R387	R,CHIP THICK 1.5 kohm 1/16W J	1	C20001526M160S	D/G
R388	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R389	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R390	R,CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	D/G
R391	R,CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	D/G
R392	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R393	R,CHIP THICK 1.5 kohm 1/16W J	1	C20001526M160S	D/G
R394	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R395	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R396	R,CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	D/G
R397	R,CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	D/G
R398	R,CHIP THICK 1 kohm 1/16W J	1	C20001026M160S	D/G
R399	R,CHIP THICK 1.5 kohm 1/16W J	1	C20001526M160S	D/G
R400	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R401	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R402	R,CHIP THICK 4.7 kohm 1/16W J	1	C20004726M160S	D/G
R403	R,CHIP THICK 8.2 kohm 1/16W J	1	C20008226M160S	D/G
	TRANSISTORS			
Q307	SEMI,CHIP TR/PNP 2SA	1	J520010200210S	D/G
	MISCELLANEOUS			
FLT100	DISPLAY,FLT	1	K530070400010S	D/G
J301, J308, J356 ~ J360, J369, J374	CN,WIRE 1P	9	L045084006040S	D/G
RMC300	MODULE,REMOCON	1	E940603200010S	D/G
SW304 ~ SW324	SW,TACT	21	G180000270010S	D/G
	HOLDER	1	4320020651010S	D/G
PCB3	ASSEMBLY P.C.B BOARD POWER		7028070367010	D
PCB3	ASSEMBLY P.C.B BOARD POWER		7028070363010	G
	CAPACITORS			
C200	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C201	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C202	C,ELECT GE 85C 100 uF 35V M	1	D040101085070S	D/G
C203	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C204	C,ELECT GE 85C 1000 uF 25V M	1	D040102084060S	D/G
C205	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
C206	C,CERAMIC HIK AXIAL 0.047 uF 50V Z	1	D005473597521S	D/G
C207	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G
C208	C,CERAMIC CHIP HIK 0.047 uF 50V Z	1	D011473597160S	D/G
C209	C,ELECT GE 85C 2200 uF 25V M	1	D040222084030S	D/G
C210	C,ELECT GE 85C 100 uF 10V M	1	D040101082070S	D/G
C211	C,CERAMIC CHIP HIK 0.047 uF 50V Z	1	D011473597160S	D/G
C212	C,CERAMIC HIK AXIAL 0.047 uF 50V Z	1	D005473597521S	D/G
C213	C,CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	D/G
C214	C,CERAMIC CHIP HIK 0.047 uF 50V Z	1	D011473597160S	D/G
C215	C,CERAMIC HIK AXIAL 0.047 uF 50V Z	1	D005473597521S	D/G
C216	C,ELECT GE 85C 1000 uF 25V M	1	D040102084060S	D/G
C217	C,ELECT GE 85C 1 uF 50V M	1	D040010087070S	D/G

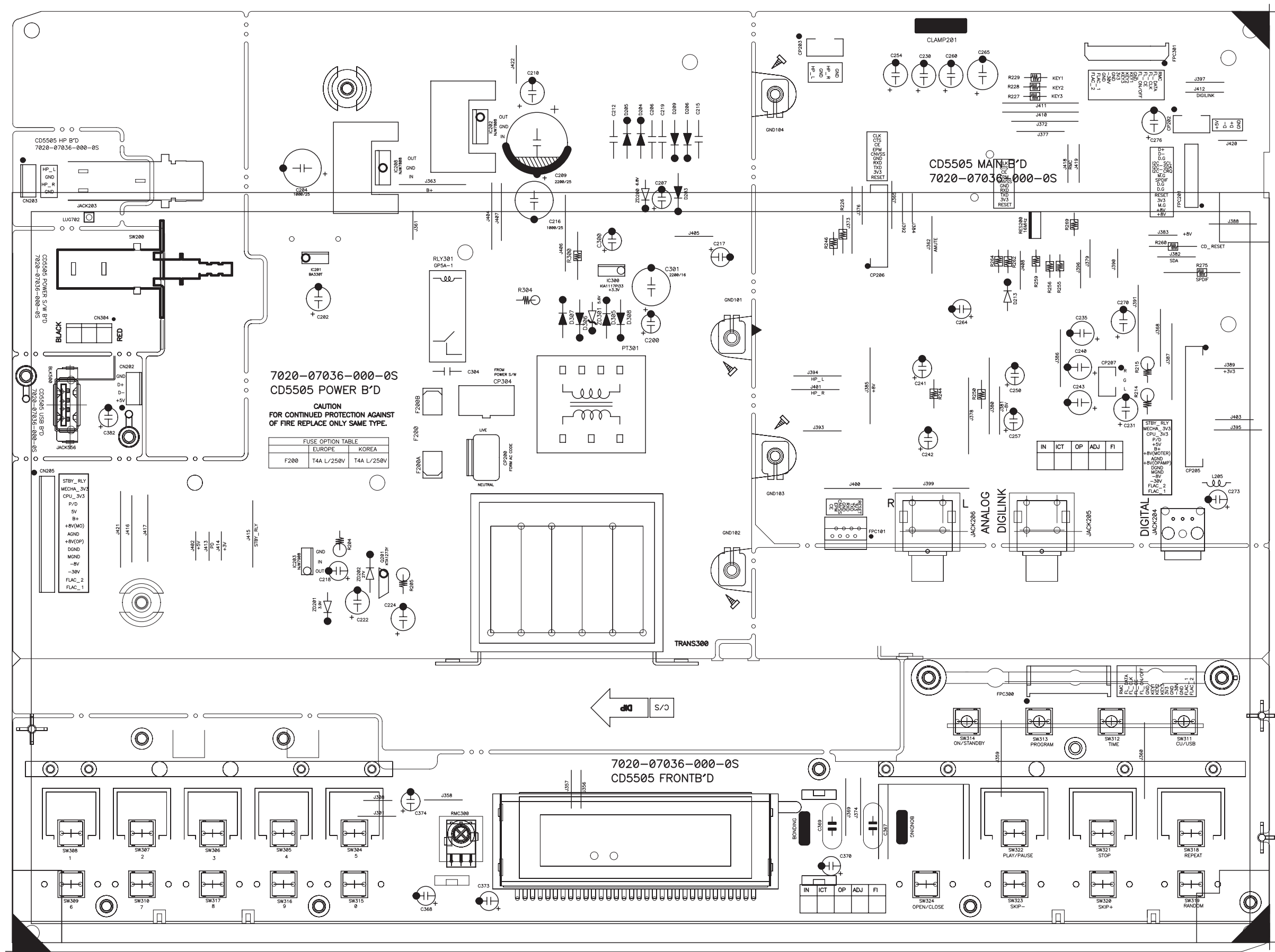
REF. No.	DESCRIPTION	Q'TY.	PARTS No.	VER.
C218	C,ELECT GE 85C 47 uF 25V M	1	D040470084070S	D/G
C219	C,CERAMIC HIK AXIAL 0.047 uF 50V Z	1	D005473597521S	D/G
C220 ~ C221	C,CERAMIC CHIP HIK 0.01 uF 50V K	2	D011103777160S	D/G
C222	C,ELECT GE 85C 100 uF 50V M	1	D040101087060S	D/G
C223	C,CERAMIC CHIP HIK 0.047 uF 50V Z	1	D011473597160S	D/G
C224	C,ELECT GE 85C 100 uF 50V M	1	D040101087060S	D/G
C300	C,ELECT GE 85C 10 uF 50V M	1	D040100087070S	D/G
C301	C,ELECT GE 85C 2200 uF 16V M	1	D040222083080S	D/G
C304	C,CERAMIC AC(SAFETY) 4700 pF 250V M	1	D00847208H010S	D/G
C305	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
	COILS			
L200 ~ L201	COIL,BEAD	2	D340160811210S	D/G
	CONNECTORS			
CP200	CN.WAFER 7.92MM	1	L108202000220S	D/G
CP304	CN.WAFER 7.92MM	1	L108353280280S	D/G
	DIODES			
D203	D,SWITCHING	1	K000013300520S	D/G
D204 ~ D206	D,SWITCHING	3	K000400700010S	D/G
D207 ~ D208	D,SWITCHING CHIP	2	K005041483230S	D/G
D209	D,SWITCHING	1	K000400700010S	D/G
D210, D302 ~ D304	D,SWITCHING CHIP	4	K005041483230S	D/G
D305 ~ D308	D,SWITCHING	4	K000400700010S	D/G
ZD200	D,ZENER	1	K06006R844520S	D/G
ZD201	D,ZENER	1	K06003R944520S	D/G
ZD202	D,ZENER	1	K06027R044520S	D/G
ZD301	D,ZENER	1	K06005R644520S	D/G
	INTERGATED CIRCUITS			
IC201	IC,LINEAR-REGULATOR	1	J12603R300050S	D/G
IC202	IC,LINEAR-REGULATOR	1	J126780800030S	D/G
IC203	IC,LINEAR-REGULATOR	1	J126790800020S	D/G
IC208	IC,LINEAR-REGULATOR	1	J126780800030S	D/G
IC300	IC,LINEAR-REGULATOR	1	J126111733050S	D/G
	RESISTORS			
J314 ~ J315, J319	R,CHIP THICK 0 ohm 1/8W J	3	C200000061300S	D/G
R200	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R202	R,CHIP THICK 20 kohm 1/16W J	1	C20002036M160S	D/G
R203	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R204 ~ R205	R,METAL FILM 100PPM 1 ohm 1/4W J	2	C060001063050S	D/G
R206 ~ R207	R,CHIP THICK 100 ohm 1/16W J	2	C20001016M160S	D/G
R208 ~ R209	R,CHIP THICK 10 kohm 1/16W J	2	C20001036M160S	D/G
R210	R,CHIP THICK 2.7 kohm 1/16W J	1	C20002726M160S	D/G
R211	R,CHIP THICK 10 kohm 1/16W J	1	C20001036M160S	D/G
R300	R,CARBON FILM 10 kohm 1/5W J	1	C00001036P520S	D/G
R301	R,CHIP THICK 20 kohm 1/16W J	1	C20002036M160S	D/G
R302	R,CHIP THICK 3.3 kohm 1/16W J	1	C20003326M160S	D/G
R303	R,CHIP THICK 2.2 kohm 1/16W J	1	C20002226M160S	D/G
R304	R,METAL FILM 100PPM 10 ohm 1/4W J	1	C060010063050S	D/G
R333	R,CHIP THICK 47 kohm 1/16W J	1	C20004736M160S	D/G
	TRANS			
PT301	POWER TRANS	1	8200280150680S	D/G
TRANS300	POWER TRANS	1	8200480190010S	D
TRANS300	POWER TRANS	1	8200480190020S	G
	TRANSISTORS			
Q200	SEMI,CHIP TR/NPN 2SC	1	J5223875Y0210S	D/G
Q201	SEMI,TR/GE PNP 2SA	1	J5001273Y0050S	D/G
Q300 ~ Q301	SEMI,CHIP TR/NPN 2SC	2	J5223875Y0210S	D/G
	MISCELLANEOUS			
CN205	CN,WIRE 2MM	1	L002141150020S	D/G
F200	FUSE GLASS TUBE 20MM	1	N751224001110S	D/G
F200A/B	HOLDER,FUSE CLIP	2	G645000050010S	D/G
GND101 ~ GND102	TERMINAL	2	3790040886000S	D/G
J361, J363, J402, J404 ~ J407, J413 ~ J416, J421 ~ J422	CN,WIRE 1P	13	L045084006040S	D/G
RLY301	RELAY	1	G680060502010S	D/G
	HEAT SINK	2	2120044288010S	D/G
	SCREW,TAP TITE	2	B020030081B10S	D/G
PCB4	ASSEMBLY P.C.B BOARD POWER SW		7028070364010	D/G
CN304	CN,WIRE	1	L000261022280S	D/G
SW200	SW,PUSH	1	G000122006060S	D/G
PCB5	ASSEMBLY P.C.B BOARD USB		7028070365010	D/G
C382	C,ELECT GE 85C 220 uF 16V M	1	D040221083110S	D/G
C383	C,CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	D/G
C384 ~ C385	C,CERAMIC CHIP T.C 100 pF 50V J	2	D010101167160S	D/G
C386 ~ C387	C,CERAMIC CHIP T.C 22 pF 50V J	2	D010220167160S	D/G

REF_No.	DESCRIPTION	Q'TY.	PARTS_No.	VER.
C388	C,CERAMIC CHIP HIK 0.1 uF 50V K	1	D011104577160S	D/G
L343	COIL,BEAD	1	D340160811210S	D/G
D347 ~ D350	D,SWITCHING CHIP	4	K005041483230S	D/G
JACK556	CN,PLUG CONTACT	1	G480040101410S	D/G
J303	R,CHIP THICK 0 ohm 1/8W J	1	C200000061300S	D/G
R347 ~ R348	R,CHIP THICK 15 kohm 1/16W J	2	C20001536M160S	D/G
R404 ~ R405	R,CHIP THICK 10 ohm 1/16W J	2	C20001006M160S	D/G
CN202	CN,WIRE 2MM	1	L002201040230S	D/G
PCB6	ASSEMBLY P.C.B BOARD HEADPHONE		7028070366010	D/G
C389L/R	C,CERAMIC CHIP HIK 0.01 uF 50V K	2	D011103777160S	D/G
C390	C,CERAMIC CHIP HIK 0.01 uF 50V K	1	D011103777160S	D/G
CB708 ~ CB709	COIL,BEAD	2	D340160811210S	D/G
JACK203	JACK,D6.5	1	G402038040020S	D/G
R406 ~ R407	R,CHIP THICK 10 ohm 1/16W J	2	C20001006M160S	D/G
CN203	CN,WIRE 2MM	1	L002800042620S	D/G
LUG702	RING,TER WIRE	1	8410101010200S	D/G

PRINTED CIRCUIT BOARDS_1

MAIN/FRONT/POWER_TOP

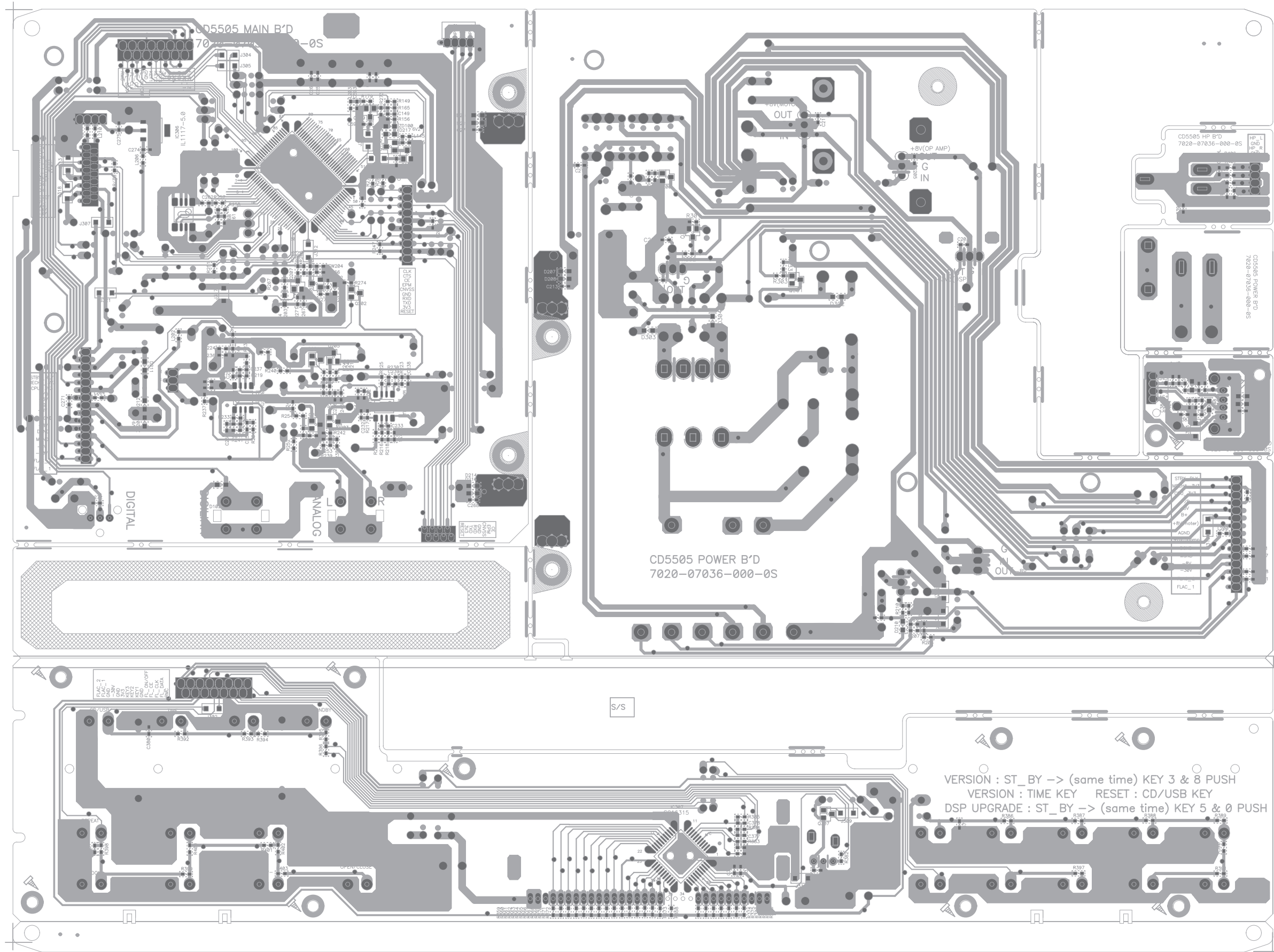
Model : CD-5505



PRINTED CIRCUIT BOARDS_2

MAIN/FRONT/POWER_BOTTOM

Model : CD-5505

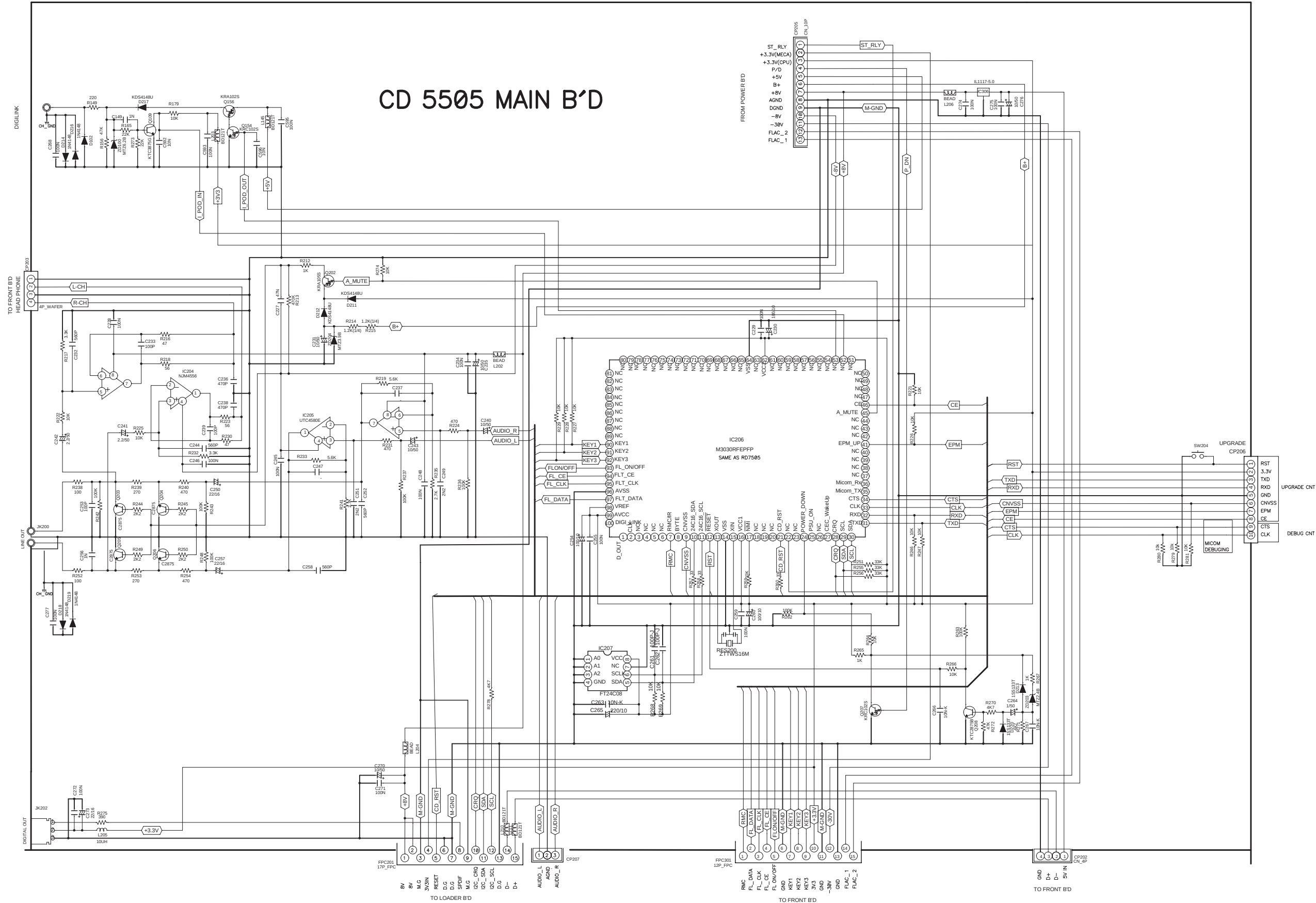


SCHEMATIC DIAGRAMS_1

MAIN

Model : CD-5505

CD 5505 MAIN B'D

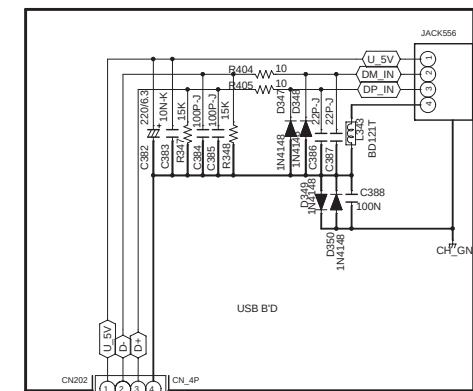
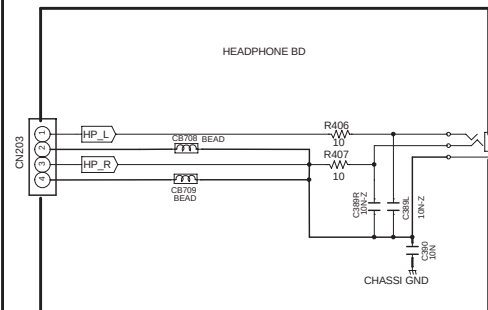
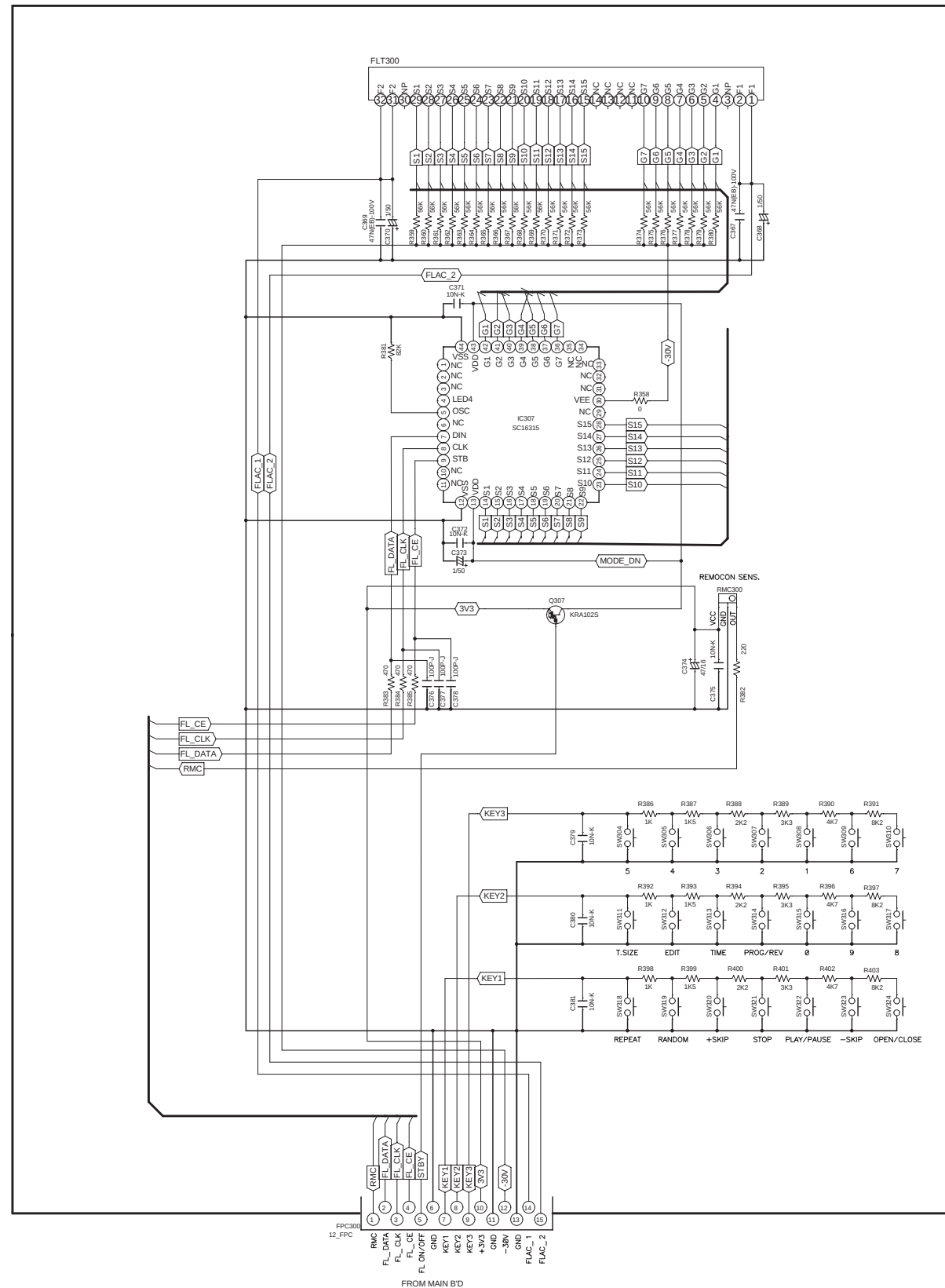


SCHEMATIC DIAGRAMS_2

FRONT

Model : CD-5505

CD 5505 FRONT B'D



SCHEMATIC DIAGRAMS_3

POWER

Model : CD-5505

CD5505 POWER B'D

