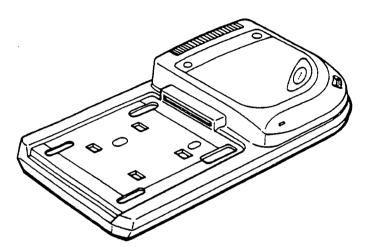
SEGA SERVICE MANUAL

SEGA CD II / MEGA CD II



NO.	002 – 2
ISSUED	JUNE, 1994

SUPPLEMENT

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Sega Enterprises, Ltd.

BEFORE USING THIS SERVICE MANUAL

Although the products described in the service manual (No.002) used 1.6×0.8 mm chips (leadless) resisters and capacitors, the size has been changed to 2.0×1.25 mm and also the pattern has been changed. Use this service manual when servicing the products with serial No.T30282001 and later.

1. DIFFERENCE TABLE

1-1. IC

		Service Manual No.002		Serial No.T30282001 and late		
No.	Circuit No.	Parts No.	Description	Circuit No.	Parts No.	Description
1	IC001	314-0367	IC 74HC04	IC951	315-0853	IC TC7S04F
2	IC002	314-0407	IC 74HC74	IC952	314-0407	IC 74HC74
3	IC110	837-9798	IC BD MEGA CD2 PCM BD		Not	used

1-2. CD Drive Unit

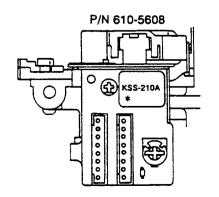
1) Differences electrical parts between CD DRIVE UNIT with P/N 610-5608 and P/N 610-5603.

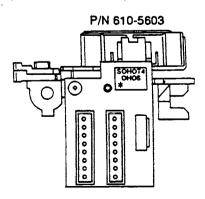
Circuit No.	P/N 610-5608	P/N 610-5603	Circuit No.	P/N 610-5608	P/N 610-5603
Chip Resister	· · · · · · · · · · · · · · · · ·		Chip Capacitor		
R414	1.8 kohm	2.2 kohm	C428	0.056 μ F	Not used
R421	220 kohm	82 kohm	C451	15 pF	8 pF
R422	150 kohm	Not used			
R423	220 kohm	270 kohm	Electrolytic Capacotor		
R424	15 kohm	20 kohm	C412	22 μ F/6.3V	47 μ F/6.3V
R426	4.7 kohm	3.3 kohm			
R448	91 ohm	82 ohm			
R449	10 kohm	0 ohm			
R450	33 kohm	Not used	1		
R491	150 kohm	180 kohm			

2) Tracking gain adjustment value.

	P/N 610-5608	P/N 610-5603
Tracking gain adjustment value.	1 kHz/0 dB	800 Hz/0 dB

How to discriminate CD DRIVE UNIT between P/N 610-5608 and P/N 610-5603



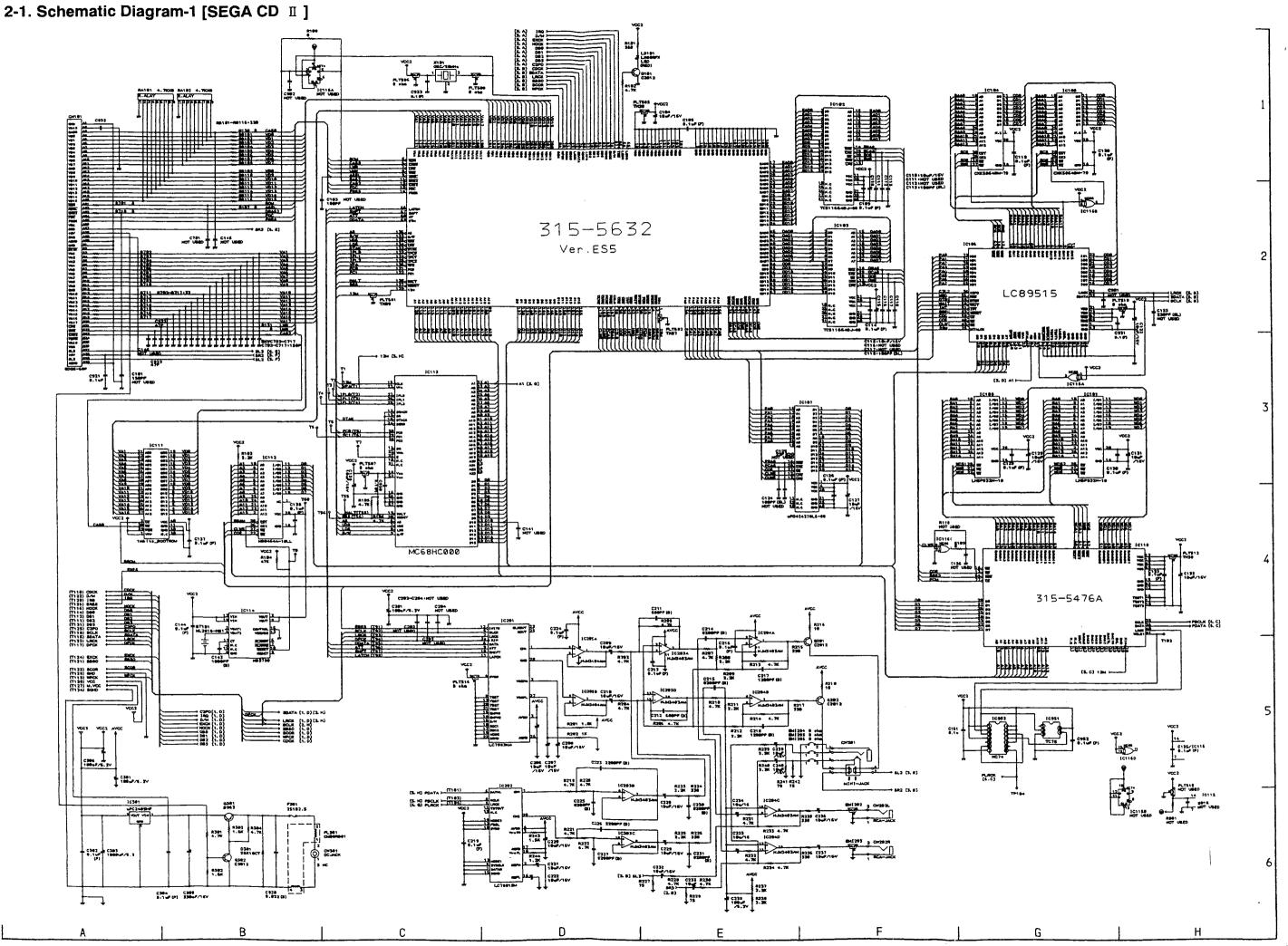


- (*) The CD DRIVE UNIT can be discriminated by checking the indication in the label pasted here.
 - In case of KSS-210A ····P/N 610-5608
 - In case of SOHOT4 · · · · · P/N 610-5603

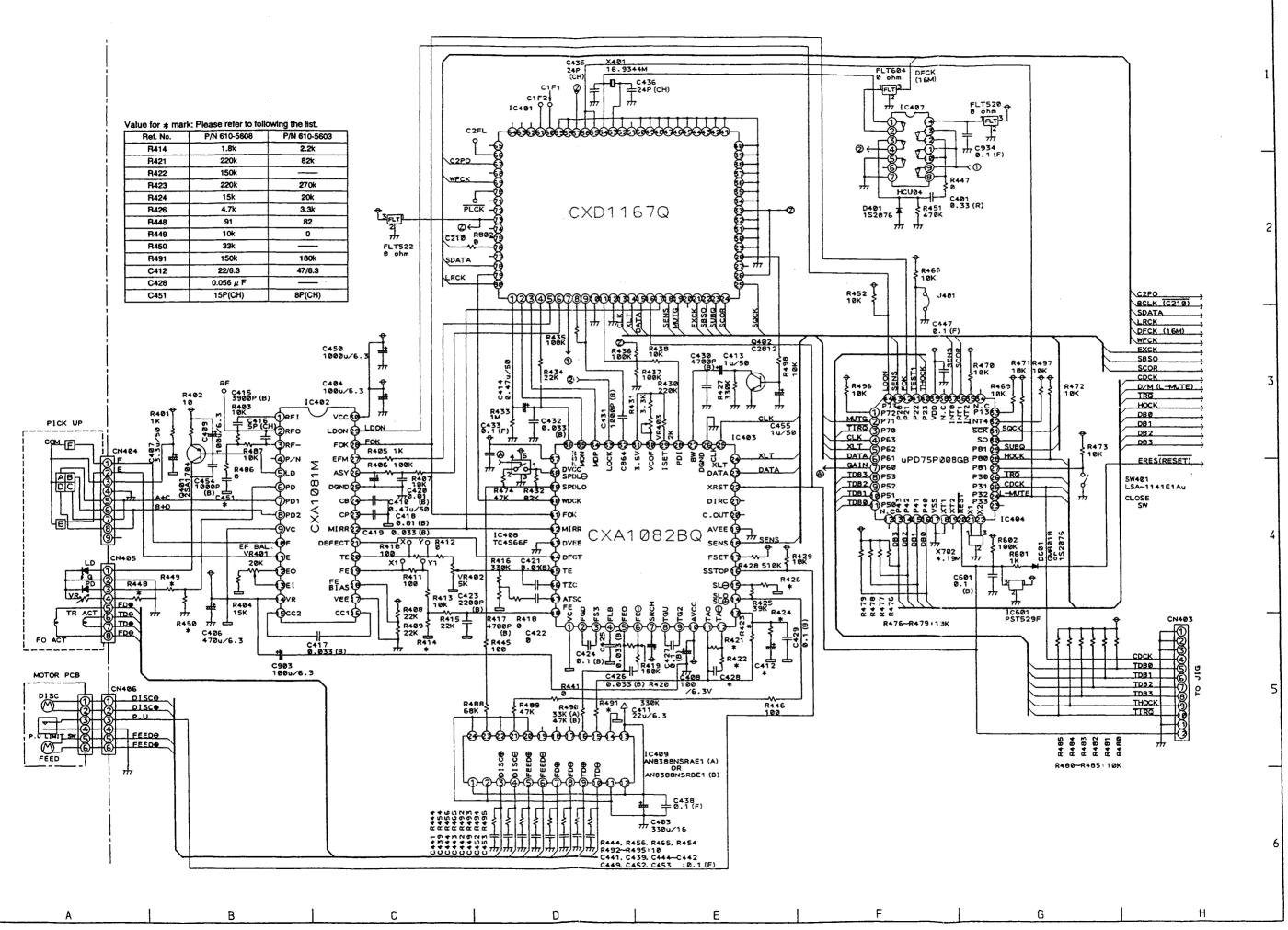
Fig. 1

2. SCHEMATIC DIAGRAM

-3-



2-2. Schematic Diagram-2 [MEGA CD $\, {\rm II} \,$] C118:18#F/16V C111:MOT USED C112:MOT USED C113:1800F (SL) 315-5632 2 CENTER BEFFER STREET LC89515 \$20222224457414574466 3 MC68HC000 315-5476A VCC2 5 C128 4 3 0.022 (8) 100 of 3.32



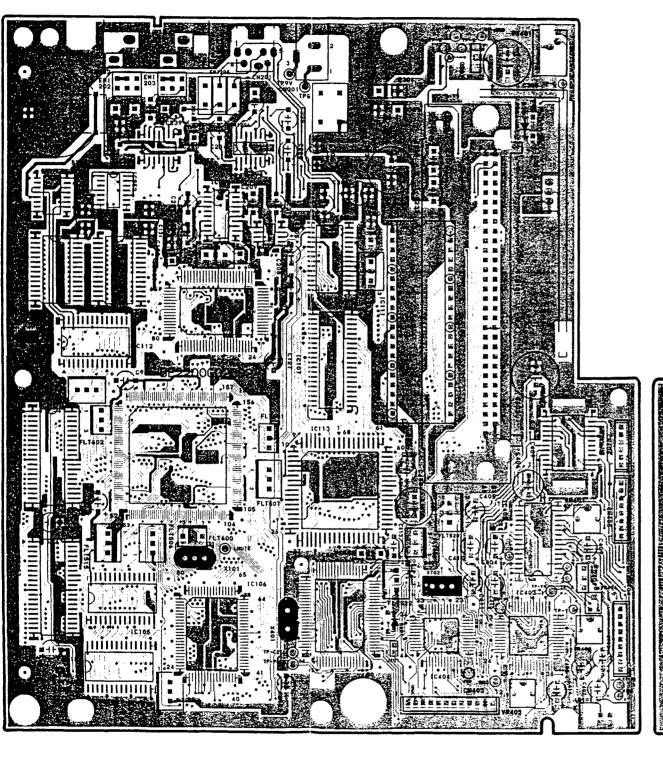
-7-

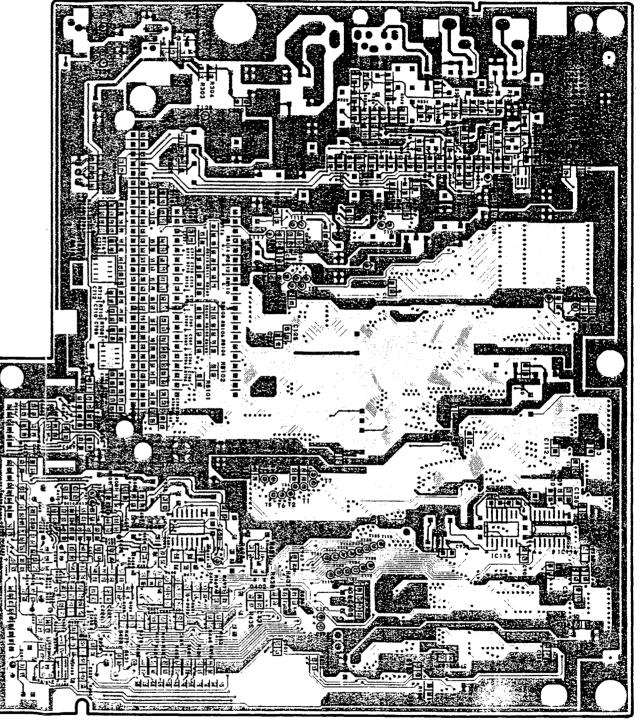
-8 -

3. CIRCUIT BOARD DIAGRAM

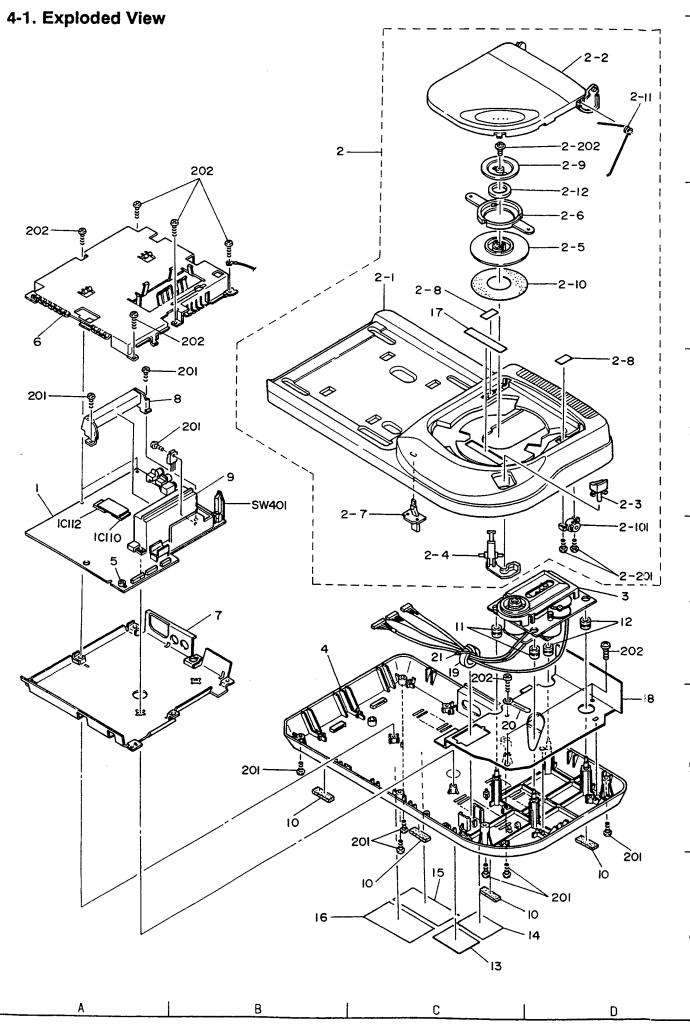
3-1. Main Circuit Board [Top View]

3-2. Main Circuit Board [Bottom View]





4. EXPLODED VIEW & PARTS LIST



4-2. Mechanical Parts List

4-3. Electrical Parts List

4-2. r	wechanicai	Parts List 4-3. Electrical Parts List			arts List	
Ref. No.	Parts No.	Description		Circuit No.	Parts No.	Description
1 1 1	837-10210 837-10213 837-10211 837-10214	IC BD SEGA-CD2 MAIN USA CH IC BD SEGA-CD2 MAIN USA CHSS IC BD MEGA-CD2 MAIN MULTI CH IC BD MEGA-CD2 MAIN MULTI CHSS	[KS] [SS] [KM] S[SM]	IC101 IC102 IC102	315-5632 315-0745-80 315-0804-70	IC CUSTOM CHIP MCE3 FUJITSU IC TC511664BJ-80 SOJ TOSHIBA IC UPD421664LE-70 SOJ NEC
2 2	610-5466 610-5467	ASSY TOP CASE SEGA-CD2 USA ASSY TOP CASE MEGA-CD2 MULTI	[KS, SS] [KM, SM]	IC102 IC102	315-0804-80 £ 315-0805-80	1C UPD421664-80 SOJ NEC 1C UPD421664-80L SOJ NEC
2-1	253-6661	TOP CASE MEGA-CD2 EXPORT		1C103 1C103 1C103	315-0745-80 315-0804-70 315-0804-80 ×	IC TC511664BJ-80 SOJ TOSHIBA IC UPD421664LE-70 SOJ NEC IC UPD421664-80 SOJ NEC
2-2 2-2	253-6635 253-6636	DOOR SEGA-CD2 USA DOOR MEGA-CD2 MULTI	[KS, SS] [KM, SM]	1C103	315-0805-80	IC UPD421664-80L SOJ NEC
2-3 2-3	253-6562-01 253-6562-02	DOOR KNOB MEGA-CD2 MULT!	[KS, SS] [KM, SM]	IC104 IC104 IC104 IC104	315-0651 315-0651-90 315-0773 315-0796-70	IC MB8464A-80 SOP 28P FUJITSU IC MB8464A-90 SOP 28P IC CXK5864CM-70LL-T6 SOP SONY IC CXK5864BM-70 SOP SONY
2-4 2-5 2-6 2-7 2-8	253-6563 253-6564 253-6565 253-6566 253-6569	DOOR LEVER MEGA-CD2 CHUCK DISK MEGA-CD2 CHUCK HOLDER MEGA-CD2 LED LENS MEGA-CD2 BLIND SHEET MEGA-CD2		IC105 IC105 IC105 IC105	315-0651 315-0651-90 315-0773 315-0796-70	IC MB8464A-80 SOP 28P FUJITSU IC MB8464A-90 SOP 28P IC CXX5864CM-70LL-T6 SOP SONY IC CXX5864BM-70 SOP SONY
2-9 2-10		CONNECT PLATE MEGA-CD2 CHUCK SHEET MEGA-CD2		IC106	313-5181-01	IC LC89515 QFP SANYO
	113-0020 601-7018	DOOR SPRING MEGA-CD2 MAGNET MEGA-CD2 TK-4094 TOKIN OIL DAMPER MEGA-CD2	l	1C107 1C107 1C107 1C107	315-0739-80 315-0777-80 315-0818 315-0822-80	IC UPD424270LE-80 NEC IC HM514270AJ-8 SOJ HITACHI IC M5M44270AJ-8 SOJ MITSUBISHI IC MN414270SJ-08 SOJ PANASONIC
2-201 2-202 3 3	012-P00210 029-000016 610-5608	TAP SCR PH 2X10 CUP SCR 2. 6*5 CD DRIVE UNIT MEGA-CD2 V2	[KS, KM]	1C108 1C108 1C108	315-0677 315-0759-10 315-0760-10	IC TC51832FL-10 SOP TOSHIBA IC TC51832AFL-10 SOP TOSHIBA IC LH5P832N-10 SOP SHARP
3 4 4	610-5603 253-6651 253-6651A		[SS, SM] [KS, SS] [KM, SM]	1C109 1C109 1C109	315-0677 315-0759-10 315-0760-10	IC TC51832FL-10 SOP TOSHIBA IC TC51832AFL-10 SOP TOSHIBA IC LH5P832N-10 SOP SHARP
5 6	253-6567 250-5327	LED HOLDER MEGA-CD2 TOP SHIELD CD2 EXPORT		IC110	315-5476A	IC CUSTOM CHIP RF5C164A RICHO
7 8 9	250-5328 250-5325 250-5326	BOTTOM SHIELD CD2 EXPORT CONNECTER SHIELD A CD2 EXPORT CONNECTER SHIELD B CD2 EXPORT		1C111 1C111 1C111 1C111	MPR-15511 MPR-15511A MPR-15512 MPR-15512A	SEGA-CD2 USA BOOT ROM [KS, SS] SEGA-CD2 USA BOOT ROM [KS, SS] IC MEGA-CD2 (PAL) BOOT ROM L661 [KM, SM] IC MEGA-CD2 (PAL) BOOT ROM VER2 [KM, SM]
10 11 12	601-6982 601-6984 601-7002	RUBBER FOOT MEGA-CD2 RUBBER DAMPER A MEGA-CD2 RUBBER DAMPER B MEGA-CD2		IC112	315-0635	IC MB8464A-10LL PF-G-BND FUJIT
13 13	670-3119 670-3120	LABEL SER. NO. MK-4101 USA LABEL SER. NO. MEGA-CD2 MULTI	[KS, SS] [KML SM]	1C113 1C113	315-0637 315-0650	IC MC68HC000FN12 PLCC MOTOROLA IC HD68HC000CP-12 PLCC HITACHI
14 14	670-3126-01 670-2774	LABEL FDA MK-4101 USA LABEL CAUTION LASER EUROPE	[KS, SS] [KM, SM]	10114 10115 10116	313-5190 NOT USED 314-0549-01	IC MB3790 SOP 16PIN FUJITSU NOT USED IC TC74HC86 SOP TOSHIBA
15 15	670-0248 670-4562	SEAL CUSTOMER SERVICE LABEL RFI & CE MARK	[KS, SS] [KM, SM]	1C201 1C202	313-5184 313-5231	IC LC7883KM SOP SANYO IC LC78815M SOP 20P SANYO
16	670-3204A	LABEL FCC & ALPEX SCD2 USA	[KS, SS]	1C203 1C204 1C205	313-5249 313-5249 313-5250	1C NJM3403AM SOP 1C NJM3403AM SOP 1C NJM3404AM SOP
17 17	670-3210 670-3209	CAUTION LABEL MEGA-CD2 MULTI CAUTION LABEL SEGA-CD2 USA	[KM, SM] [KS, SS]	IC301	313-5193	IC UPC2405HF NEC
18	250-5350	CD UNIT SHIELD CD2 EXPORT		1C401 1C402	315-0798 313-5251	IC CXD11670 QFP IC CXA1081M SOP
19 20 21	270-5074 280-5242 601-0460	FERRITE CORE CD2 EXPORT HARNESS LUG L=35MM PLASTIC TIE BELT 100 M/M		1C403 1C404	313-5252 315-0799	IC CXA10820 QFP IC UPD75P008GB QFP
201 202	012-P00310 012-P00308	TAP SCR PH 3X10 TAP SCR PH 3X8		1C404 1C404	315-0808 315-0848	1C UPD75006GB 0FP 1C UPD75006GB-639-3B4
				1C407 1C408	314-0571 313-5253	IC 74HCU04 SOP IC TC4S66F-TE85R
				1C409 1C409	314-0572 314-0585	IC ANB388SR SOP IC ANB388NSRBE1 SOP
				10601	314-0573	IC PST529F MMP3P RESET IC
				1C951 1C952	315-0853 314-0407	IC TC7S04F IC 74HC74
FHOTEL	YC1 CECL OD H O	D DRIVE UNIT P/N 610-5608	(00)		1	<u> </u>

[NOTE] [KS]: SEGA CD II, CD DRIVE UNIT P/N 610-5608 [SS]: SEGA CD II, CD DRIVE UNIT P/N 610-5603 [SM]: MEGA CD II, CD DRIVE UNIT P/N 610-5603

Circuit No.	Parts No.	Description	Circuit No.	Parts No.	Description
Q 101 Q 101	482-5191 482-5192	XSTR CHIP 2SC2812-5-CP-TB XSTR CHIP 2SC2812-6-CP-TB	RA102	477-0152	RES PACK CP 8*4.7K OHM W/COMM
Q 201 Q 201	482-5191 482-5192	XSTR CHIP 2SC2812-5-CP-TB XSTR CHIP 2SC2812-6-CP-TB	RB101 RB102 RB103	476-2221-J-10 476-2221-J-10 476-2221-J-10	RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5%
Q 202 Q 202	482-5191 482-5192	XSTR CHIP 2SC2812-5-CP-TB XSTR CHIP 2SC2812-6-CP-TB	FB104 FB105	476-2221-J-10 476-2221-J-10	RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5%
0 301 0 301 0 301	482-5193 482-5194 482-5195	XSTR 2SB963 M XSTR 2SB963 L XSTR 2SB963 K	RB106 RB107 RB108 RB109 FB110	476-2221-J-10 476-2221-J-10 476-2221-J-10 476-2221-J-10 476-2221-J-10	RES CHIP 220 OHM 1/10W 5%
Q 302 Q 302 Q 302 Q 302	482-5191 482-5192 482-5204 482-5205	XSTR CHIP 2SC2812-5-CP-TB [KS, SS] XSTR CHIP 2SC2812-6-CP-TB [KS, SS] XSTR CHIP 2SC4362 [KM, SM] XSTR CHIP UN221L [KM, SM]	FB111 RB112 RB113	476-2221-J-10 476-2221-J-10 476-2221-J-10	RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5%
Q 401 Q 401	482-5196 482-5197	XSTR 2SA1704 S-AN XSTR 2SA1704 T-AN	RB114 RB115	476-2221-J-10 476-2221-J-10	RES CHIP 220 OHM 1/10W 5% RES CHIP 220 OHM 1/10W 5%
Q 402 Q 402	482-5191 482-5192	XSTR CHIP 2SC2812-5-CP-TB XSTR CHIP 2SC2812-6-CP-TB	RB116 SW401	476-2221-J-10 250-5342	RES CHIP 220 OHM 1/10W 5% SW COVER CD2 SY
D 301	481-5119	DIODE DSK10-ET1	VR401	475-0073	V.RES C TRM 20K OHM B RADIAL
D 302 D 302	481-5120 NOT USED	DIODE 1S2076RE [KM, SM] NOT USED [KS, SS]	VR402 VR403 VR404	475-0074 475-0075 NOT USED	V.RES C TRM 5K OHM B RADIAL V.RES C TRM 2K OHM B RADIAL NOT USED
D 401 D 601	481-5120 481-5120	DIODE 1S2076RE DIODE 1S2076RE	X 101 X 401 X 702	230-5103 230-5104 230-5109	XTAL OSC 50.000MHZ JX0-7 XTAL OSC 16.9344MHZ HC-49U CER OSC 4.19MHZ
BT101	401-0037	BATTERY ML2016-HS1 SANYO	R 101	476-2361-J-10	RES CHIP 360 OHM 1/10W 5%
CN101 CN201	209-5068 210-5114	EDGE CONN 60PIN CD2 CUSTOM STEREO MINIJACK HSJ2000-01-010	R 102 R 103 R 104	476-2472-J-10 476-2222-J-10 476-2473-J-10	RES CHIP 4.7KOHM 1/10W 5% RES CHIP 2.2KOHM 1/10W 5% RES CHIP 47KOHM 1/10W 5%
CN202	210-5115	RCA JACK YKC21-0242	R 105	476-2472-J-10	RES CHIP 4. 7KOHM 1/10W 5%
CN301 CN403 CN404 CN405 CN406	212-5378 212-5382 212-5379 212-5380 212-5381	DC JACK HECO470-01-630 PIN HEADER ST IL-S-12P-S2T2-EF CONN BASE 9P B9B-PH-K-S CONN BASE 8P B8B-PH-K-S CONN BASE 6P B6B-PH-K-S	R 106 R 107 R 108 R 109 R 110	476-2472-J-10 479-5010-J-10 479-5010-J-10 479-5010-J-10 NOT USED	RES CHIP 4.7KOHM 1/10W 5% RES CHIP 0 OHM 1/10W RES CHIP 0 OHM 1/10W RES CHIP 0 OHM 1/10W NOT USED
EM1202 EM1202	271-0007 271-0073	EMI FILTER STX222MB EMI FILTER ED31-D222M	R 130 R 131	479-5010-J-10 479-5010-J-10	RES CHIP O OHM 1/10W RES CHIP O OHM 1/10W
EM1202 EM1203 EM1203 EM1203	479-5009 271-0007 271-0073 479-5009	RES 0 OHM 1/4W EMI FILTER STX222MB EMI FILTER ED31-D222M RES 0 OHM 1/4W	R 201 R 202 R 203 R 204 R 205	476-2162-J-10 476-2102-J-10 476-2472-J-10 476-2472-J-10 476-2472-J-10	RES CHIP 1. 6KOHM 1/10W 5% RES CHIP 1KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5%
EM1204 EM1205 EM1206 F 301	479-5009 479-5009 479-5009 514-5060	RES 0 OHM 1/4W RES 0 OHM 1/4W RES 0 OHM 1/4W FUSE PICO 11 25102.5 AXIAL	R 206 R 207 R 208 R 209	476-2472-J-10 476-2472-J-10 476-2222-J-10 476-2222-J-10	RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 2. 2KOHM 1/10W 5% RES CHIP 2. 2KOHM 1/10W 5%
FL301	271-0054	LINE FILTER CMO8RB01	R 210 R 211	476-2472-J-10 476-2222-J-10	RES CHIP 4. 7KOHM 1/10W 5%
FLT505 FLT506 FLT507 FLT512	271-0058 479-5009 479-5009 271-0058	FILMAC TH30333MAT RES 0 0HM 1/4W RES 0 0HM 1/4W FILMAC TH30333MAT	R 212 R 213 R 214 R 215	476-2222-J-10 476-2272-J-10 476-2472-J-10 476-2331-J-10	RES CHIP 2. 2KOHM 1/10W 5% RES CHIP 2. 2KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 330 OHM 1/10W 5%
FLT516 FLT519 FLT520 FLT522	479-5009 479-5009 479-5009 479-5009	RES 0 OHM 1/4W RES 0 OHM 1/4W RES 0 OHM 1/4W RES 0 OHM 1/4W	R 216 R 217 R 218 R 219 R 220	476-2100-J-10 476-2331-J-10 476-2100-J-10 476-2472-J-10 476-2472-J-10	RES CHIP 10 0HM 1/10W 5% RES CHIP 330 0HM 1/10W 5% RES CHIP 10 0HM 1/10W 5% RES CHIP 4.7KOHM 1/10W 5% RES CHIP 4.7KOHM 1/10W 5%
FLT600 FLT601 FLT602 FLT604	479-5009 271-0059 271-0060 479-5009	RES 0 OHM 1/4W FILMAC TX09500NBT FILMAC TX07250NBT RES 0 OHM 1/4W	R 221 R 222 R 223 R 224 R 225	476-2472-J-10 476-2472-J-10 476-2222-J-10 476-2331-J-10 476-2222-J-10	RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 2. 2KOHM 1/10W 5% RES CHIP 330 0HM 1/10W 5% RES CHIP 2. 2KOHM 1/10W 5%
LD101	390-5449	LED LN88RPX	R 226	476-2331-J-10	RES CHIP 330 OHM 1/10W 5%
RA101	477-0152	RES PACK CP 8*4.7K OHM W/COMM CD DRIVE UNIT P/N 610-5608 [SS]: SE	R 227	476-2750-J-10	RES CHIP 75 OHM 1/10W 5%
Funcl	[KM]: MEGA CD II, (DD DRIVE UNIT P/N 610-5608 [SM]: ME 12	GA CDII, C	D DRIVE UNIT P/N D DRIVE UNIT P/N	610-5603

R 228 R 229 R 230	476-2472-J-10 476-2750-J-10 476-2472-J-10	RES CHIP 4.7KOHM 1/10W 5% RES CHIP 75 OHM 1/10W 5% RES CHIP 4.7KOHM 1/10W 5%		R 432 R 433 R 434 R 435	476-2823-J-10 476-2105-J-10 476-2223-J-10 476-2104-J-10	RES CHIP 82K OHM 1/10W 5% RES CHIP 1MOHM 1/10W 5% RES CHIP 22KOHM 1/10W 5% RES CHIP 100KOHM 1/10W 5%	
R 231 R 232 R 233	476-2472-J-10 476-2472-J-10 476-2472-J-10	RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5%		R 436 R 437	476-2104-J-10 476-2104-J-10	RES CHIP 100KOHM 1/10W 5%	
R 234 R 235 R 236	476-2472-J-10 476-2331-J-10	RES CHIP 4.7KOHM 1/10W 5% RES CHIP 330 OHM 1/10W 5% RES CHIP 330 OHM 1/10W 5%		R 438 R 441 R 444	476-2103-J-10 479-5010-J-10 476-2100-J-10	RES CHIP 10KOHM 1/10W 5% RES CHIP 0 OHM 1/10W RES CHIP 10 OHM 1/10W 5%	
R 237 R 238 R 239	476-2331-J-10 476-2332-J-10 476-2332-J-10 476-2332-J-10	RES CHIP 3. 3KOHM 1/10W 5% RES CHIP 3. 3KOHM 1/10W 5% RES CHIP 3. 3KOHM 1/10W 5%		R 445 R 446 R 447	476-2101-J-10 476-2101-J-10 479-5010-J-10	RES CHIP 100 OHM 1/10W 5% RES CHIP 100 OHM 1/10W 5% RES CHIP 0 OHM 1/10W	
R 240 R 241	476-2332-J-10	RES CHIP 3. 3KOHM 1/10W 5% -		R 448	476-2820-J-10	RES CHIP 82 OHM 1/10W 5%	[SS, SM]
R 242 R 243 R 244	476-2750-J-10 476-2750-J-10 476-2152-J-10 476-2122-J-10	RES CHIP 75 OHM 1/10W 5% RES CHIP 75 OHM 1/10W 5% RES CHIP 1.5KOHM 1/10W 5% RES CHIP 1.2KOHM 1/10W 5%		R 448 R 449 R 449	476-2910-J-10 476-2103-J-10 479-5010-J-10	RES CHIP 91 OHM 1/10W 5% RES CHIP 10KOHM 1/10W 5% RES CHIP 0 OHM 1/10W	[KS, KM] [KS, KM] [SS, SM]
R 301 R 301	476-2472-J-10 476-2822-J-10	RES CHIP 4.7KOHM 1/10W 5% RES CHIP 8.2KOHM 1/10W 5%	[KS, SS] [KM, SM]	R 450 R 450	476-2333-J-10 NOT USED	RES CHIP 33KOHM 1/10W 5%	[KS, KM] [SS, SM]
R 302 R 302	476-2162-J-10 NOT USED	RES CHIP 1.6KOHM 1/10W 5% NOT USED	[KS, SS] [KM, SM]	R 451 R 452 R 454	476-2474-J-10 476-2103-J-10 476-2100-J-10	RES CHIP 470KOHM 1/10W 5% RES CHIP 10KOHM 1/10W 5% RES CHIP 10 OHM 1/10W 5%	
R 303 R 304	476-2162-J-10 476-2472-J-10	RES CHIP 1. 6KOHM 1/10W 5% RES CHIP 4. 7KOHM 1/10W 5%		R 456 R 465	476-2100-J-10 476-2100-J-10	RES CHIP 10 OHM 1/10W 5% RES CHIP 10 OHM 1/10W 5%	
R 40% R 40% R 40% R 404 R 40%	476-2102-J-10 476-2100-J-10 476-2103-J-10 476-2153-J-10 476-2102-J-10	RES CHIP 1KOHM 1/10W 5% RES CHIP 10 OHM 1/10W 5% RES CHIP 10KOHM 1/10W 5% RES CHIP 15KOHM 1/10W 5% RES CHIP 1KOHM 1/10W 5%		R 468 R 469 R 470 R 471 R 472	476-2103-J-10 476-2103-J-10 476-2103-J-10 476-2103-J-10 476-2103-J-10	RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5%	
R 406 R 407 R 408 R 409 R 410	476-2104-J-10 476-2103-J-10 476-2223-J-10 476-2223-J-10 476-2101-J-10	RES CHIP 100KOHM 1/10W 5% RES CHIP 10KOHM 1/10W 5% RES CHIP 22KOHM 1/10W 5% RES CHIP 22KOHM 1/10W 5% RES CHIP 100 OHM 1/10W 5%		R 473 R 474 R 476 R 477 R 478	476-2103-J-10 476-2473-J-10 476-2103-J-10 476-2103-J-10 476-2103-J-10	RES CHIP 10K0HM 1/10W 5% RES CHIP 47K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5%	
R 413 R 412 R 413	476-2101-J-10 479-5010-J-10 476-2103-J-10	RES CHIP 100 OHM 1/10W 5% RES CHIP 0 OHM 1/10W RES CHIP 10KOHM 1/10W 5%		R 479 R 480 R 481 R 482	476-2103-J-10 476-2103-J-10 476-2103-J-10	RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5%	
R 414 R 414	476-2182-J-10 476-2222-J-10	RES CHIP 1.8KOHM 1/10W 5% RES CHIP 2.2KOHM 1/10W 5%	[KS, KM] [SS, SM]	R 483	476-2103-J-10 476-2103-J-10	RES CHIP 10KOHM 1/10W 5% RES CHIP 10KOHM 1/10W 5%	
R 415 R 416 R 417 R 418	476-2223-J-10 476-2334-J-10 151-0421 479-5010-J-10	RES CHIP 22KOHM 1/10W 5% RES CHIP 33OK OHM 1/10W 5% CAP CER CH 4700PF/50V B K RES CHIP 0 OHM 1/10W		R 484 R 485 R 486 R 487 R 488	476-2103-J-10 476-2103-J-10 479-5010-J-10 476-2103-J-10 476-2683-J-10	RES CHIP 10K0HM 1/10W 5% RES CHIP 10K0HM 1/10W 5% RES CHIP 0 HM 1/10W RES CHIP 10K0HM 1/10W 5% RES CHIP 68K0HM 1/10W 5%	
R 419 R 420	476-2184-J-10 476-2334-J-10	RES CHIP 180K0HM 1/10W 5% RES CHIP 330K OHM 1/10W 5%		R 489 R 490	476-2473-J-10 476-2333-J-10	RES CHIP 47KOHM 1/10W 5% RES CHIP 33KOHM 1/10W 5%	
R 421 R 421	476-2224-J-10 476-2823-J-10	RES CHIP 220KOHM 1/10W 5% RES CHIP 82KOHM 1/10W 5%	[KS, KM] [SS, SM]	R 490	476-2473-J-10	RES CHIP 47KOHM 1/10W 5%	נאני אוז
R 422 R 422	476-2154-J-10 NOT USED	RES CHIP 150K OHM 1/10W 5%	[KS. KM]	R 491 R 491	476-2154-J-10 476-2184-J-10	RES CHIP 150K0HM 1/10W 5% RES CHIP 180K0HM 1/10W 5%	[KS, KM] [SS, SM]
R 423 R 423	476-2224-J-10 476-2274-J-10	NOT USED RES CHIP 220KOHM 1/10W 5% RES CHIP 270KOHM 1/10W 5%	[SS, SM] [KS, KM] [SS, SM]	R 492 R 493 R 494 R 495	476-2100-J-10 476-2100-J-10 476-2100-J-10 476-2100-J-10	RES CHIP 10 OHM 1/10W 5%	
R 424 R 424	476-2153-J-10 476-2203-J-10	RES CHIP 15KOHM 1/10W 5% RES CHIP 20KOHM 1/10W 5%	[KS, KM] [SS, SM]	R 496 R 497	476-2103-J-10 476-2103-J-10	RES CHIP 10KOHM 1/10W 5% RES CHIP 10KOHM 1/10W 5%	
R 425	476-2393-J-10	RES CHIP 39KOHM 1/10W 5%	5001 41113	R 498	476-2103-J-10	RES CHIP 10KOHM 1/10W 5%	
R 425 R 425	476-2332-J-10 476-2472-J-10	RES CHIP 3.3KOHM 1/10W 5% RES CHIP 4.7KOHM 1/10W 5%	[SS, SM] [KS, KM]	R 601 R 502	476-2102-J-10 476-2104-J-10	RES CHIP 1KOHM 1/10W 5% RES CHIP 100KOHM 1/10W 5%	
R 427 R 423 R 423 R 423 R 431	476-2334-J-10 476-2514-J-10 476-2103-J-10 476-2224-J-10 476-2332-J-10	RES CHIP 330K OHM 1/10W 5% RES CHIP 510KOHM 1/10W 5% RES CHIP 10KOHM 1/10W 5% RES CHIP 220KOHM 1/10W 5% RES CHIP 3.3KOHM 1/10W 5%		R 701 R 702 R 703 R 704 R 705	479-5010-J-10 476-2330-J-10 476-2330-J-10 476-2330-J-10 476-2330-J-10	RES CHIP 0 0HM 1/10W 5% RES CHIP 33 0HM 1/10W 5%	
		D DRIVE UNIT P/N 610-5608	[SS] · SEC	R 706	476-2330-J-10 DRIVE UNIT P/N	RES CHIP 33 OHM 1/10W 5%	
,	KM]: MEĞA CDİİ, C	D DRIVE UNIT P/N 610-5608	[SM]: MEG	SA CDII, CD	DRIVE UNIT P/N	610-5603	

Circuit

No.

Parts No.

Description

Description

Circuit

No.

Parts No.

Circuit No.	Parts No.	- Description	Circuit No.	Parts No.	Description	
R 707 R 708 R 709 R 710	476-2330-J-10 476-2330-J-10 476-2330-J-10 476-2330-J-10 476-2330-J-10	RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5%	C 216 C 217 C 218 C 219 C 220	151-0405 151-0412 151-0412 151-0405 150-0439	CAP CER CP 0. 1UF/16V F Z CAP CER CP 1200PF/50V B K CAP CER CP 1200PF/50V B K CAP CER CP 0. 1UF/16V F Z CAP E 10UF/16V 20%	
R 712 R 713 R 714 R 715	476-2330-J-10 476-2330-J-10 476-2330-J-10 476-2330-J-10	RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5%	C 221 C 222 C 223 C 224 C 225	150-0439 150-0439 151-0413 151-0405 151-0411	CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP CER CP 2200PF/50V B K CAP CER CP 0. 1UF/16V F Z CAP CER CP 8200PF/50V B K	
R 717 R 718 R 801 R 802	476-2330-J-10 479-5010-J-10 NOT USED 479-5010-J-10	RES CHIP 33 OHM 1/10W 5% RES CHIP 33 OHM 1/10W 5% RES CHIP 0 OHM 1/10W NOT USED RES CHIP 0 OHM 1/10W NOT USED NOT USED NOT USED	C 226 C 227 C 228 C 229	151-0413 151-0411 150-0439 150-0439	CAP CER CP 2200PF/50V B K CAP CER CP 8200PF/50V B K CAP E 10UF/16V 20% CAP E 10UF/16V 20%	
C 101 C 103 C 104 C 105 C 109	NOT USED NOT USED 150-0439 151-0405 151-0405	NOT USED NOT USED CAP E 10UF/16V 20% CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP E 10UF/16V 20% NOT USED	C 230 C 231 C 232 C 233 C 234	151-0411 151-0411 150-0439 150-0439 150-0439	CAP CER CP 8200PF/50V B K CAP CER CP 8200PF/50V B K CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP E 10UF/16V 20%	
C 110 C 111 C 112 C 113 C 114	INDT HSFD I	NOT USED	C 235 C 236 C 237 C 238 C 239	150-0439 150-0439 150-0439 150-0440 150-0439	CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP E 100UF/6. 3V 20% CAP E 10UF/16V 20%	
C 115 C 116 C 117 C 118 C 119	150-0439 NOT USED NOT USED 151-0406 151-0405	CAP CER CP 100PF/50V SL J CAP CER CP 0. 1UF/16V F Z CAP E 10UF/16V 20% NOT USED NOT USED CAP CER CP 100PF/50V SL J CAP CER CP 0. 1UF/16V F Z	C 240 C 301 C 302 C 303 C 304	150-0439 150-0440 151-0405 150-0441 151-0405	CAP E 10UF/16V 20% CAP E 100UF/6.3V 20% CAP CER CP 0.1UF/16V F Z CAP E 1000UF/6.3V 20% CAP CER CP 0.1UF/16V F Z	
C 120 C 122 C 123 C 124	151-0405 150-0439 NOT USED NOT USED	CAP CER CP 0.1UF/16V F Z CAP E 10UF/16V 20% NOT USED NOT USED	C 305 C 306 C 401	150-0249 150-0440 151-0456	CAP E 330UF 16V U-TYPE CAP E 100UF/6. 3V 20% CAP CER CP 0. 33UF/16V R K	
C 125 C 126 C 127 C 128	NOT USED 151-0405 150-0439 151-0405	NOT USED CAP CER CP 0. 1UF/16V F Z CAP E 10UF/16V 20% CAP CER CP 0. 1UF/16V F Z	C 403 C 404 C 405 C 406	150-0249 150-0440 NOT USED 150-0301	CAP E 330UF/16V U-TYPE CAP E 100UF/6. 3V 20% NOT USED CAP E 470UF/6. 3V U-TYPE	
C 129 C 130 C 131 C 132 C 133	150-0439 151-0405 150-0439 150-0439 151-0405	CAP E 10UF/16V 20% CAP CER CP 0.1UF/16V F Z CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP CER CP 0.1UF/16V F Z	C 407 C 408 C 409 C 410 C 411	150-0329 150-0440 150-0440 150-0442 150-0443	CAP E 3. 3UF/50V U-TYPE CAP E 100UF/6. 3V 20% CAP E 100UF/6. 3V 20% CAP E 0. 47UF/50V 20% CAP E 22UF/6. 3V 20%	
C 135 C 136	151-0405 NOT USED	CAP CER CP 0.1UF/16V F Z NOT USED	C 412 C 412	150-0443 150-0467	CAP E 22UF/6. 3V 20% CAP E 47UF/6. 3V 20%	[KS, KM] [SS, SM]
C 137 C 138 C 139 C 141 C 143	151-0405 151-0405 150-0439 NOT USED 151-0409	CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP E 10UF/16V 20% NOT USED CAP CER CP 1000PF/50V B K	C 413 C 414 C 415 C 416 C 417	150-0016 150-0442 151-0415 151-0416 151-0506	CAP E 1UF/50V CAP E 0. 47UF/50V 20% CAP CER CP 3900PF/50V B K CAP CER CP 5PF/50V CH C CAP CER CP 0. 033UF/25V B K	
C 144 C 145 C 146	151-0405 NOT USED NOT USED	CAP CER CP 0.1UF/16V F Z NOT USED NOT USED	C 418 C 418	151 -04 18 151-0509	CAP CER CP 0.01UF/50V B K CAP CER CP 0.01UF/25V B K	
C 201 C 202 C 203	150-0440 NOT USED NOT USED	CAP E 100UF/6.3V 20% NOT USED NOT USED	C 419 C 420 C 420	151-0506 151-0418 151-0509	CAP CER CP 0.033UF/25V B K CAP CER CP 0.01UF/50V B K CAP CER CP 0.01UF/25V B K	
C 204 C 206	NOT USED 150-0439	NOT USED CAP E 10UF/16V 20%	C 421 C 421	151-0418 151-0509	CAP CER CP 0.01UF/50V B K CAP CER CP 0.01UF/25V B K	
C 207 C 208 C 209 C 210 C 211	150-0439 150-0439 150-0439 150-0439 151-0410	CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP E 10UF/16V 20% CAP CER CP 680PF/50V B K	C 422 C 423 C 424 C 425 C 426	479-5010-J-10 151-0413 151-0507 151-0506 151-0506	RES CHIP 00HM 1/10W CAP CER CP 2200PF/50V B K CAP CER CP 0. 1UF/25V B K CAP CER CP 0. 033UF/25V B K CAP CER CP 0. 033UF/25V B K	
C 212 C 213 C 214 C 215	151-0410 151-0405 151-0411 151-0411	CAP CER CP 680PF/50V B K CAP CER CP 0. 1UF/16V F Z CAP CER CP 8200PF/50V B K CAP CER CP 8200PF/50V B K	C 427 C 428 C 428	151-0507 151-0508 NOT USED	CAP CER CP 0. 1UF/25V B K CAP CER CP 0. 056UF/16V B K NOT USED	[KS, KM] [SS, SM]
[NOTE]	[KS]: SEGA CDII,([KM]: MEGA CDII,(GA CD II , CE	DRIVE UNIT P/N DRIVE UNIT P/N		

4-4. Accessories/Package List

CAP CER CP 0.1UF/25V CAP CER CP 0.033UF/25V CAP CER CP 0.1UF/16V CAP CER CP 24PF/50V CAP CER CP 0.1UF/16V	B K V B K SV B K F Z CH J CH J F Z F Z F Z F Z F Z F Z	No.	Parts No. 610-5507 400-5100B 400-5100B-01 400-5122C 600-6201 600-6204 610-5491 250-5346 250-5333	Description ASSY CD ROM MDP ROAD AVENGER [KM, SA AC ADAPTOR AC120V/DC10V 1. 2A [KS, SS AC ADAPTOR AC230V/DC10V 1. 2A [KM, SA STEREO MIXING CABLE W/CORE AUDIO RCA CABLE L=2M UNION ASSY SPACER MEGA-CD2 EXPORT HOLD PLATE SPACER MEGA-CD2 A RETAINER BRACKET CD2 EXPORT
CAP CER CH 4700PF/50V CAP CER CP 1000PF/50V CAP CER CP 0. 033UF/25 CAP CER CP 0. 1UF/16V CAP CER CP 24PF/50V C CAP CER CP 24PF/50V C CAP CER CP 24PF/50V C CAP CER CP 0. 1UF/16V	V B K V B K F Z CH J F Z F Z F Z F Z F Z F Z F Z F Z F Z F Z	2 2 2 2 3 4 5 6 7 8 9	400-5100B 400-5100B-01 400-5122C 600-6201 600-6204 610-5491 250-5346 250-5333	AC ADAPTOR AC120V/DC10V 1. 2A [KS. SS AC ADAPTOR AC120V/DC10V 1. 2A [KS. SS AC ADAPTOR AC230V/DC10V 1. 2A [KM. SA STEREO MIXING CABLE W/CORE AUDIO RCA CABLE L=2M UNION [KM. SA ASSY SPACER MEGA-CD2 EXPORT HOLD PLATE SPACER MEGA-CD2 A
1409 CAP CER CP 1000PF/50V CAP CER CP 0. 033UF/25 CAP CER CP 0. 033UF/25 CAP CER CP 0. 1UF/16V CAP CER CP 24PF/50V CAP CER CP 24PF/50V CAP CER CP 24PF/50V CAP CER CP 0. 1UF/16V CAP CER CP 15PF/50V CAP CER CP 15PF	5V B K F Z CH J F Z F Z F Z F Z F Z F Z F Z	2 2 3 4 5 6 7 8 9	400-5100B-01 400-5122C 600-6201 600-6204 610-5491 250-5346 250-5333	AC ADAPTOR AC120V/DC10V 1. 2A [KS. SS AC ADAPTOR AC230V/DC10V 1. 2A [KM. SA STEREO MIXING CABLE W/CORE AUDIO RCA CABLE L=2M UNION ASSY SPACER MEGA-CD2 EXPORT HOLD PLATE SPACER MEGA-CD2 A
CAP CER CP 24PF/50V CAP CER CP 24PF/50V CAP CER CP 24PF/50V CAP CER CP 0. 1UF/16V CAP CE	CH J CH J F Z F Z F Z F Z F Z F Z F Z	4 5 6 7 8 9	600-6204 610-5491 250-5346 250-5333	AUDIO RCA CABLE L=2M UNION [KM, SA ASSY SPACER MEGA-CD2 EXPORT HOLD PLATE SPACER MEGA-CD2 A
CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V	F Z F Z F Z F Z F Z	7 8 9	250-5333	
1405 CAP CER CP 0. 1UF/16V 1405 CAP CER CP 0. 1UF/16V 1405 CAP CER CP 0. 1UF/16V 1405 CAP CER CP 0. 1UF/16V 1406 CAP CER CP 0. 1UF/16V 1441 CAP E 1000UF/6. 3V 20% 1436 CAP CER CP 15PF/50V 0	F Z F Z F Z	9	ZDU=D3Z9	CONN. DI ATE A ACCESSORY ORD THE
CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP E 1000UF/6. 3V 20% CAP CER CP 15PF/50V C	FΖ		250-5330 000-F00410	CONN PLATE A ACCESSORY CD2 EXP CONN PLATE B ACCESSORY CD2 EXP M SCR FH M4X10
	X	11 11 11 11	671-3240-01 671-3240-01E 671-3240-03 671-3240-06	MA CTN SEGA-CD2 USA [KS. S MA CTN SEGA-CD2 USA E [KS. S MA CTN MEGA-CD2 MULTI 4180 [KM. S MA CTN MEGA-CD2 MULTI 4182 [KM. S
CAP CER CP 8PF/50V CH		12	672-1257 672-1258	OPERATION MANUAL CD2 USA [KS. S OPERATION MANUAL CD2 MULTI [KM. S
1405 CAP CER CP 0.1UF/16V 1405 CAP CER CP 0.1UF/16V 1409 CAP CER CP 1000PF/50V 1016 CAP E 1UF/50V	FΖ	12 12 12	672-1258-01 672-1258-02 672-1258-02A	OPERATION MANUAL CD2 MULTI 01 [KM, S OPERATION MANUAL CD2 MULTI 02 [KM, S OPERATION MANUAL CD2 MULTI 02A[KM, S
CAP CER CP 0. 1UF/25V	ВК	13 13 13	671-3322-01 671-3980-01 671-3322-03	BOX & PACK SET CD2 USA [KS, S BOX & PACK SET CD2 USA DP [KS, S BOX & PACK SET CD2 MULTI 4180 [KM, S
NOT USED	CH 7 CH 7	13 13 13	671-3322-06 671-3980-03 671-3980-05	BOX & PACK SET CD2 MULTI 4182 [KM, S BOX & PACK SET CD2 MUL 4180 DP[KM, S BOX & PACK SET CD2 MUL 4182 DP[KM, S
CAP CER CP 150PF/50V CAP CER CP 150PF/50V CAP CER CP 150PF/50V CAP CER CP 150PF/50V	CH J	14 14 14	670-3211 670-2779 670-3551	BUSINESS REPLY MAIL CD2 USA [KS, S EPILEPSY WARNING SHEET MULTI [KM, S EPILEPSY WARNING SHEET MUL V2 [KM, S
1437 CAP CER CP 150PF/50V 1437 CAP CER CP 150PF/50V 1437 CAP CER CP 150PF/50V 1437 CAP CER CP 150PF/50V	CH J	15 15	670-3311 670-3311-01	GUARANTEE CARD CD2 MULT! [KM, S GUARANTEE CARD CD2 MULT! 01 [KM, S
CAP CER CP 150PF/50V CAP CER CP 150PF/50V	CH J CH J	16 17 19 20 21	SGM-4218 SGM-4245 SGM-4207 SGM-4220 SGM-4259	POLY BAG 300*550*0.05 EXP 6 POLY BAG 200*310*0.05 EXP 6 POLY BAG 70*100*0.05 POLY BAG 120*300*0.02 POLY BAG 80*180*0.05
CAP CER CP 150PF/50V CAP CER CP 150PF/50V	CH J	22	670-3265	CROSS SELL POSTER GEN2 USA [KS. S
ISED NOT USED				
NOT USED	5V B K			
1439 CAP CER CP 47PF/50V C 1405 CAP CER CP 0.1UF/16V	CH J F Z			
CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V	F Z F Z			
1439 1405 1405 15ED 1405 1405	CAP CER CP 47PF/50V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V NOT USED CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V CAP CER CP 0. 1UF/16V	CAP CER CP 47PF/50V CH J CAP CER CP 47PF/50V CH J CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z NOT USED CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z	CAP CER CP 47PF/50V CH J CAP CER CP 0.1UF/16V F Z CAP CER CP 0.1UF/16V F Z NOT USED CAP CER CP 0.1UF/16V F Z CAP CER CP 0.1UF/16V F Z CAP CER CP 0.1UF/16V F Z CAP CER CP 0.1UF/16V F Z	CAP CER CP 47PF/50V CH J CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z NOT USED CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z CAP CER CP 0. 1UF/16V F Z

[NOTE] [KS]: SEGA CDII, CD DRIVE UNIT P/N 610-5608 [KM]: MEGA CDII, CD DRIVE UNIT P/N 610-5608 [SS]: SEGA CDII, CD DRIVE UNIT P/N 610-5603 [SM]: MEGA CDII, CD DRIVE UNIT P/N 610-5603

SEGA