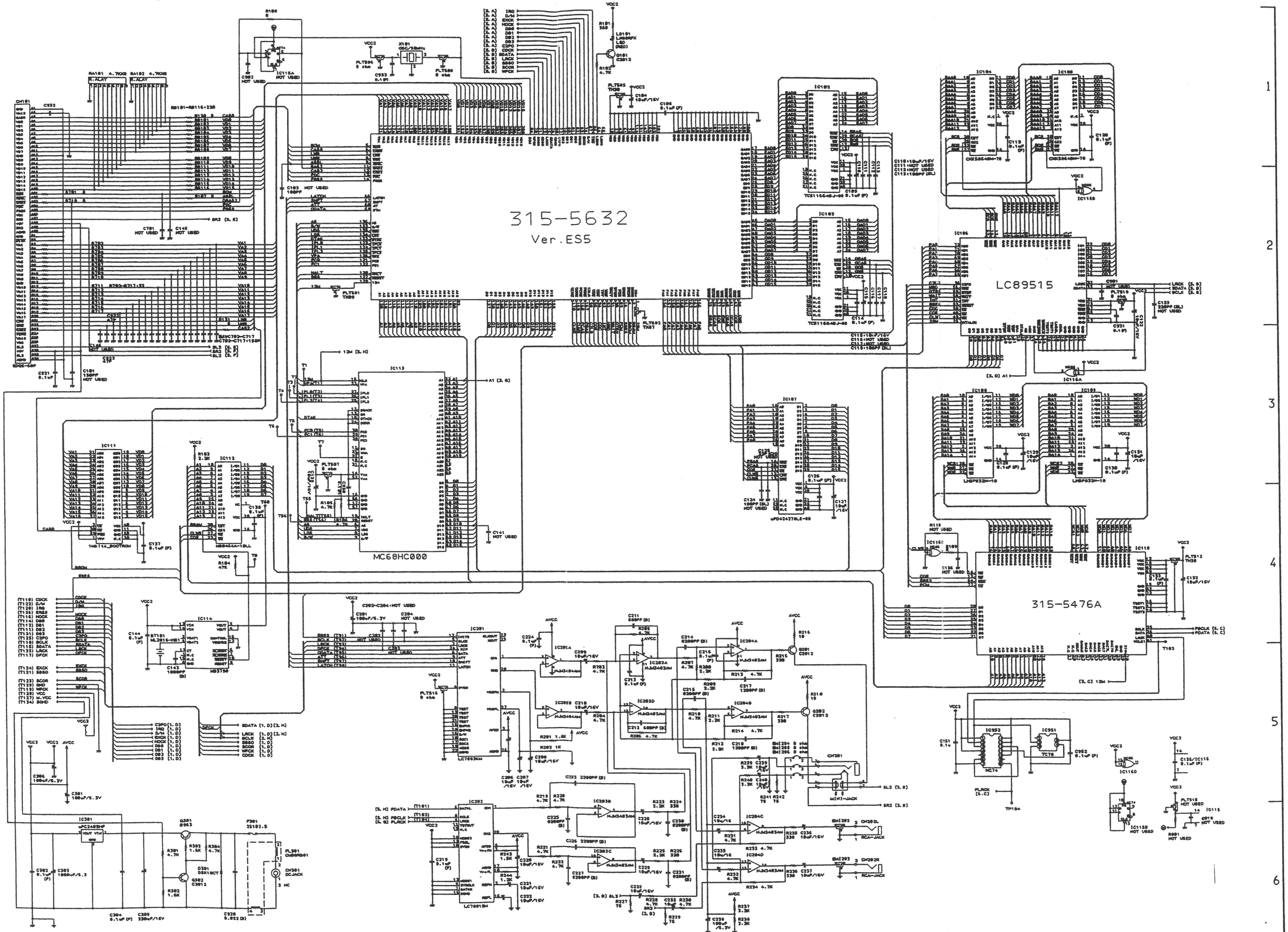
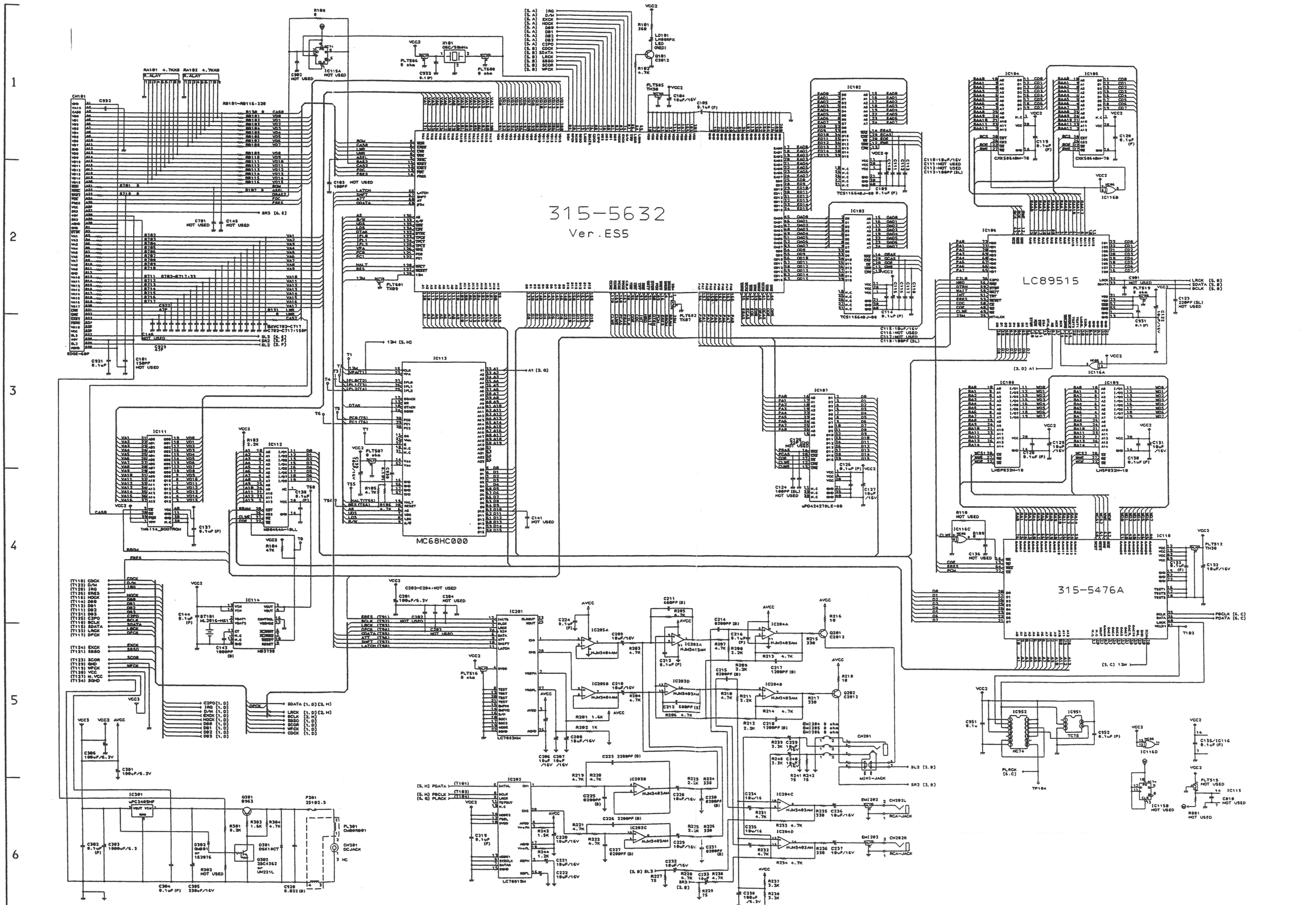
2. SCHEMATIC DIAGRAM

2-1. Schematic Diagram-1 [SEGA CD Ⅱ]



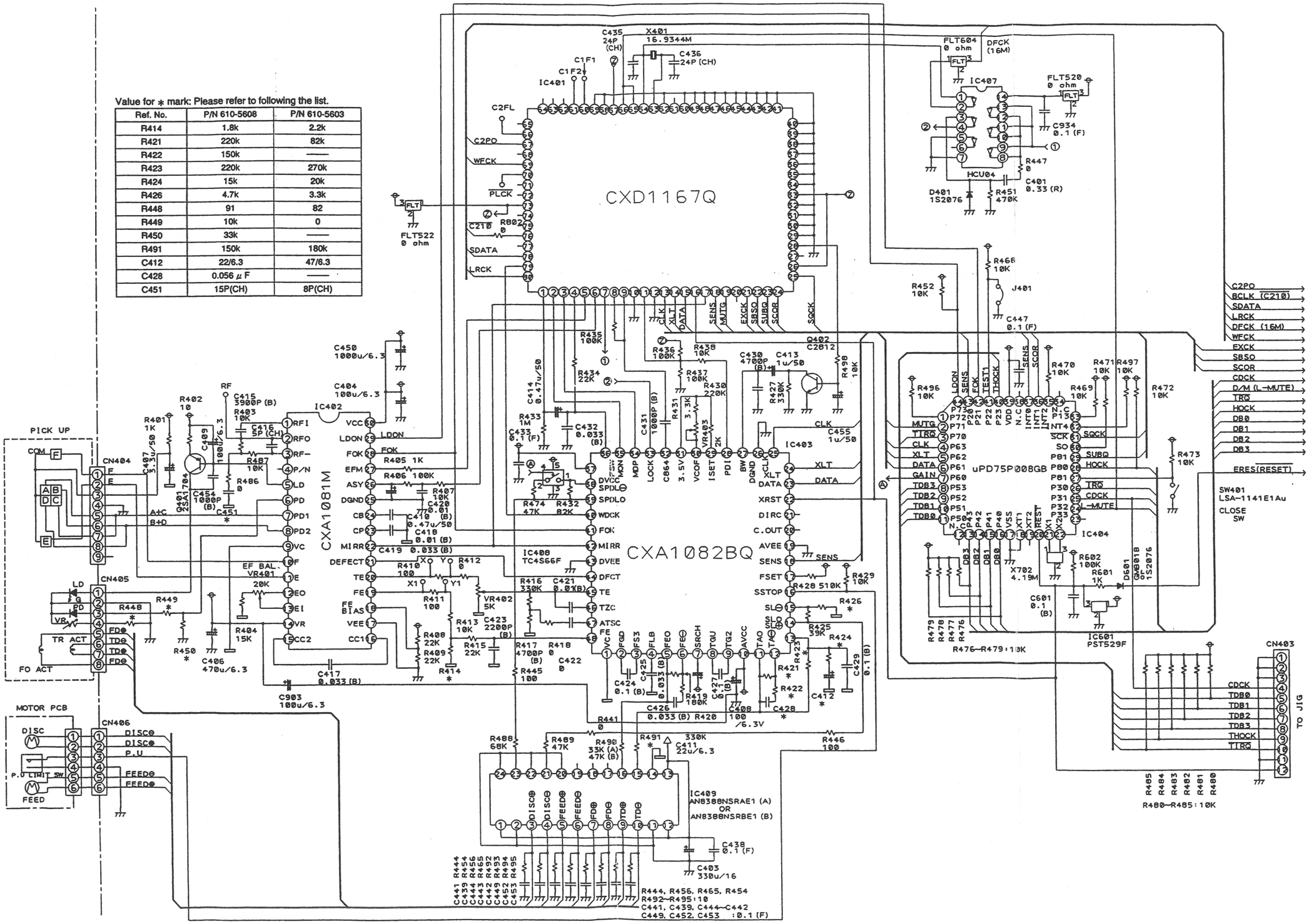
2-2. Schematic Diagram-2 [MEGA CD Ⅱ]



2-3. Schematic Diagram-3

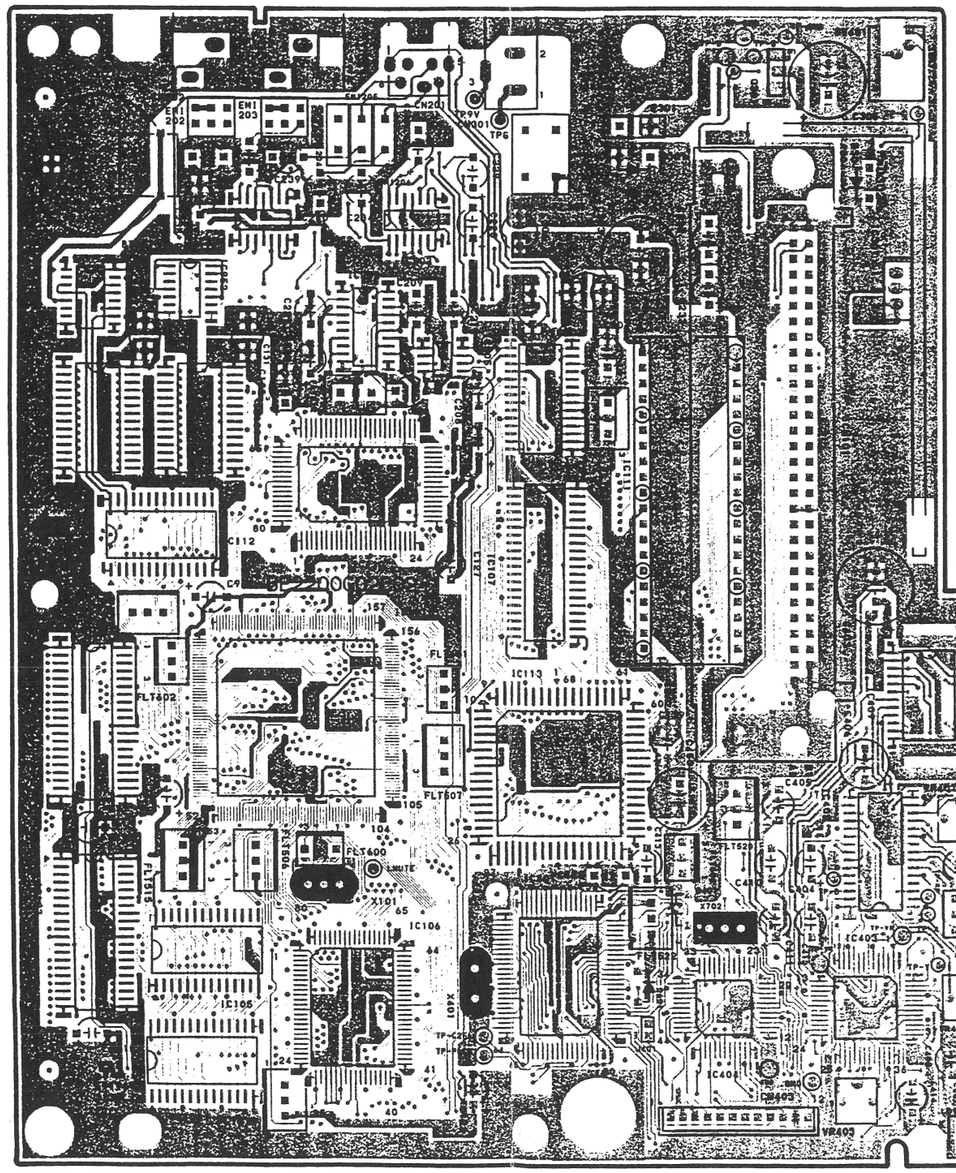
Value for * mark: Please refer to following the list.

Ref. No.	P/N 610-5608	P/N 610-5603
R414	1.8k	2.2k
R421	220k	82k
R422	150k	——
R423	220k	270k
R424	15k	20k
R426	4.7k	3.3k
R448	91	82
R449	10k	0
R450	33k	——
R491	150k	180k
C412	22/6.3	47/6.3
C428	0.056 μ F	——
C451	15P(CH)	8P(CH)

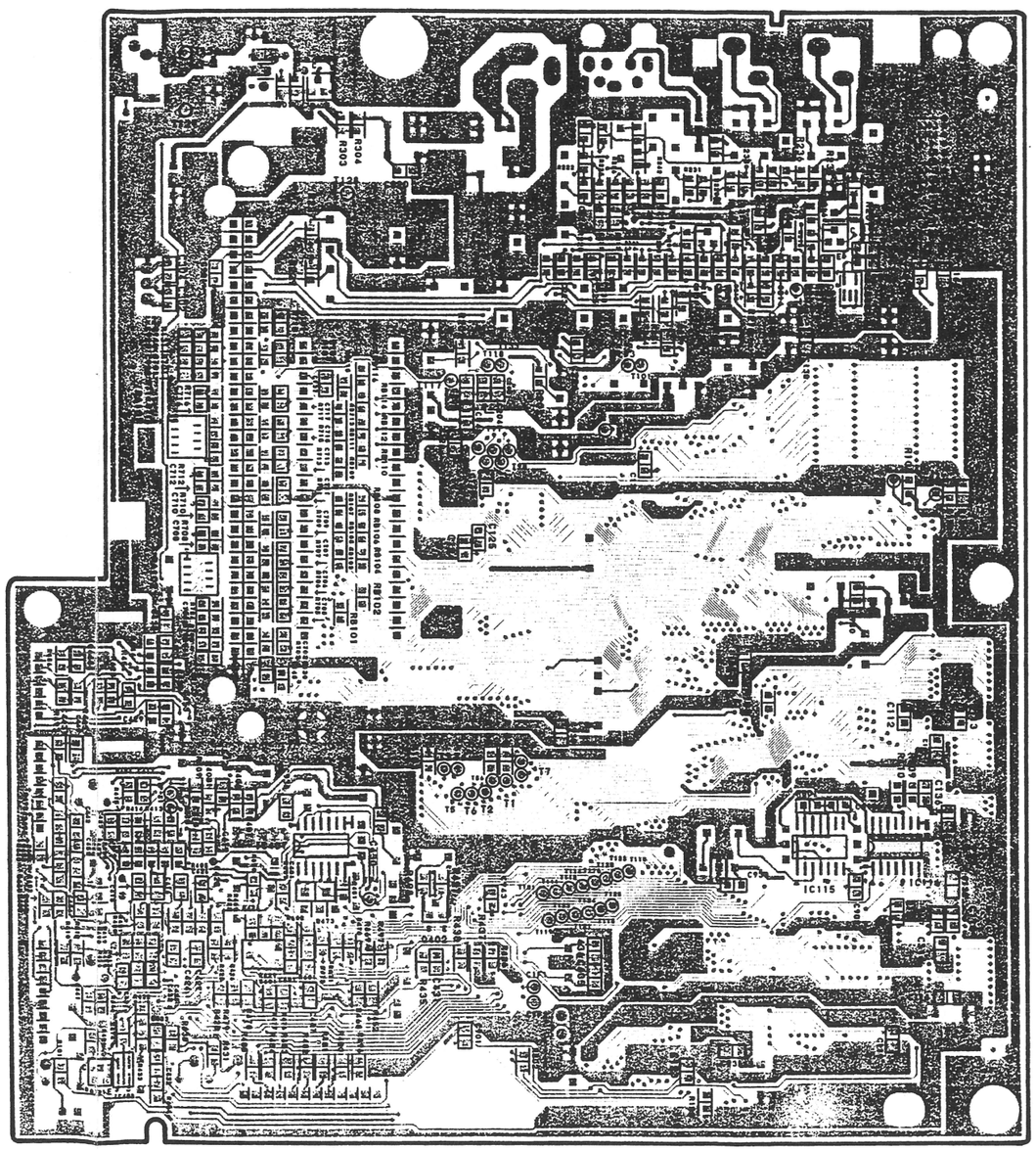


3. CIRCUIT BOARD DIAGRAM

3-1. Main Circuit Board [Top View]

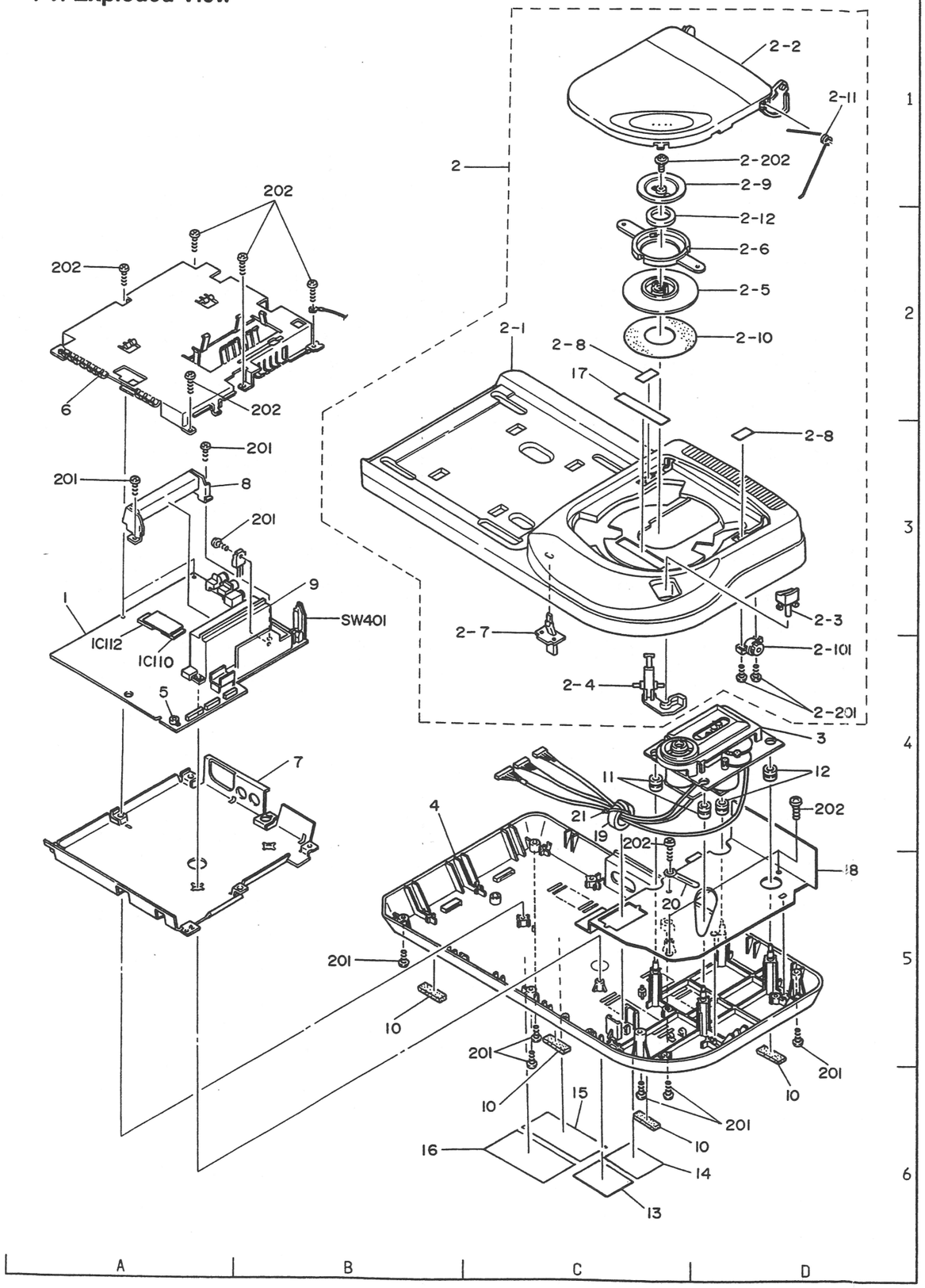


3-2. Main Circuit Board [Bottom View]



4. EXPLODED VIEW & PARTS LIST

4-1. Exploded View



4-2. Mechanical Parts List

Ref. No.	Parts No.	Description
1	837-10210	IC BD SEGA-CD2 MAIN USA CH [KS]
1	837-10213	IC BD SEGA-CD2 MAIN USA CHSS [SS]
1	837-10211	IC BD MEGA-CD2 MAIN MULTI CH [KM]
1	837-10214	IC BD MEGA-CD2 MAIN MULTI CHSS [SM]
2	610-5466	ASSY TOP CASE SEGA-CD2 USA [KS, SS]
2	610-5467	ASSY TOP CASE MEGA-CD2 MULTI [KM, SM]
2-1	253-6661	TOP CASE MEGA-CD2 EXPORT
2-2	253-6635	DOOR SEGA-CD2 USA [KS, SS]
2-2	253-6636	DOOR MEGA-CD2 MULTI [KM, SM]
2-3	253-6562-01	DOOR KNOB SEGA-CD2 USA [KS, SS]
2-3	253-6562-02	DOOR KNOB MEGA-CD2 MULTI [KM, SM]
2-4	253-6563	DOOR LEVER MEGA-CD2
2-5	253-6564	CHUCK DISK MEGA-CD2
2-6	253-6565	CHUCK HOLDER MEGA-CD2
2-7	253-6566	LED LENS MEGA-CD2
2-8	253-6569	BLIND SHEET MEGA-CD2
2-9	250-5306	CONNECT PLATE MEGA-CD2
2-10	601-6983	CHUCK SHEET MEGA-CD2
2-11	125-5101	DOOR SPRING MEGA-CD2
2-12	113-0020	MAGNET MEGA-CD2 TK-4094 TOKIN
2-101	601-7018	OIL DAMPER MEGA-CD2
2-201	012-P00210	TAP SCR PH 2X10
2-202	029-000016	CUP SCR 2.6*5
3	610-5608	CD DRIVE UNIT MEGA-CD2 V2 [KS, KM]
3	610-5603	CD DRIVE UNIT MEGA-CD2 SS [SS, SM]
4	253-6651	BOTTOM CASE MEGA-CD2 EXPORT [KS, SS]
4	253-6651A	BOTTOM CASE MCD2 EXPORT ALPEX [KM, SM]
5	253-6567	LED HOLDER MEGA-CD2
6	250-5327	TOP SHIELD CD2 EXPORT
7	250-5328	BOTTOM SHIELD CD2 EXPORT
8	250-5325	CONNECTER SHIELD A CD2 EXPORT
9	250-5326	CONNECTER SHIELD B CD2 EXPORT
10	601-6982	RUBBER FOOT MEGA-CD2
11	601-6984	RUBBER DAMPER A MEGA-CD2
12	601-7002	RUBBER DAMPER B MEGA-CD2
13	670-3119	LABEL SER. NO. MK-4101 USA [KS, SS]
13	670-3120	LABEL SER. NO. MEGA-CD2 MULTI [KM, SM]
14	670-3126-01	LABEL FDA MK-4101 USA [KS, SS]
14	670-2774	LABEL CAUTION LASER EUROPE [KM, SM]
15	670-0248	SEAL CUSTOMER SERVICE [KS, SS]
15	670-4562	LABEL RFI & CE MARK [KM, SM]
16	670-3204A	LABEL FCC & ALPEX SCD2 USA [KS, SS]
17	670-3210	CAUTION LABEL MEGA-CD2 MULTI [KM, SM]
17	670-3209	CAUTION LABEL SEGA-CD2 USA [KS, SS]
18	250-5350	CD UNIT SHIELD CD2 EXPORT
19	270-5074	FERRITE CORE CD2 EXPORT
20	280-5242	HARNESS LUG L=35MM
21	601-0460	PLASTIC TIE BELT 100 M/M
201	012-P00310	TAP SCR PH 3X10
202	012-P00308	TAP SCR PH 3X8

4-3. Electrical Parts List

Circuit No.	Parts No.	Description
IC101	315-5632	IC CUSTOM CHIP MCE3 FUJITSU
IC102	315-0745-80	IC TC511664BJ-80 SOJ TOSHIBA
IC102	315-0804-70	IC UPD421664LE-70 SOJ NEC
IC102	315-0804-80 ✱	IC UPD421664-80 SOJ NEC
IC102	315-0805-80	IC UPD421664-80L SOJ NEC
IC103	315-0745-80	IC TC511664BJ-80 SOJ TOSHIBA
IC103	315-0804-70	IC UPD421664LE-70 SOJ NEC
IC103	315-0804-80 ✱	IC UPD421664-80 SOJ NEC
IC103	315-0805-80	IC UPD421664-80L SOJ NEC
IC104	315-0651	IC MB8464A-80 SOP 28P FUJITSU
IC104	315-0651-90	IC MB8464A-90 SOP 28P
IC104	315-0773	IC CXK5864CM-70LL-T6 SOP SONY
IC104	315-0796-70	IC CXK5864BM-70 SOP SONY
IC105	315-0651	IC MB8464A-80 SOP 28P FUJITSU
IC105	315-0651-90	IC MB8464A-90 SOP 28P
IC105	315-0773	IC CXK5864CM-70LL-T6 SOP SONY
IC105	315-0796-70	IC CXK5864BM-70 SOP SONY
IC106	313-5181-01	IC LC89515 QFP SANYO
IC107	315-0739-80	IC UPD424270LE-80 NEC
IC107	315-0777-80	IC HM514270AJ-8 SOJ HITACHI
IC107	315-0818	IC M5M44270AJ-8 SOJ MITSUBISHI
IC107	315-0822-80	IC MN414270SJ-08 SOJ PANASONIC
IC108	315-0677	IC TC51832FL-10 SOP TOSHIBA
IC108	315-0759-10	IC TC51832AFL-10 SOP TOSHIBA
IC108	315-0760-10	IC LH5P832N-10 SOP SHARP
IC109	315-0677	IC TC51832FL-10 SOP TOSHIBA
IC109	315-0759-10	IC TC51832AFL-10 SOP TOSHIBA
IC109	315-0760-10	IC LH5P832N-10 SOP SHARP
IC110	315-5476A	IC CUSTOM CHIP RF5C164A RICHO
IC111	MPR-15511	SEGA-CD2 USA BOOT ROM [KS, SS]
IC111	MPR-15511A	SEGA-CD2 USA BOOT ROM [KS, SS]
IC111	MPR-15512	IC MEGA-CD2(PAL)BOOT ROM L661 [KM, SM]
IC111	MPR-15512A	IC MEGA-CD2(PAL)BOOT ROM VER2 [KM, SM]
IC112	315-0635	IC MB8464A-10LL PF-G-BND FUJIT
IC113	315-0637	IC MC68HC000FN12 PLCC MOTOROLA
IC113	315-0650	IC HD68HC000CP-12 PLCC HITACHI
IC114	313-5190	IC MB3790 SOP 16PIN FUJITSU
IC115	NOT USED	NOT USED
IC116	314-0549-01	IC TC74HC86 SOP TOSHIBA
IC201	313-5184	IC LC7883KM SOP SANYO
IC202	313-5231	IC LC78815M SOP 20P SANYO
IC203	313-5249	IC NJM3403AM SOP
IC204	313-5249	IC NJM3403AM SOP
IC205	313-5250	IC NJM3404AM SOP
IC301	313-5193	IC UPC2405HF NEC
IC401	315-0798	IC CXD1167Q QFP
IC402	313-5251	IC CXA1081M SOP
IC403	313-5252	IC CXA1082Q QFP
IC404	315-0799	IC UPD75P008GB QFP
IC404	315-0808	IC UPD75006GB QFP
IC404	315-0848	IC UPD75006GB-639-3B4
IC407	314-0571	IC 74HCU04 SOP
IC408	313-5253	IC TC4S66F-TE85R
IC409	314-0572	IC AN8388SR SOP
IC409	314-0585	IC AN8388NSRBE1 SOP
IC601	314-0573	IC PST529F MMP3P RESET IC
IC951	315-0853	IC TC7S04F
IC952	314-0407	IC 74HC74

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