

Service Manual

TT8001 /F W

Turntable



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Please use this service manual with referring to the user guide (D.F.U.) without fail.
修理の際は、必ず取扱説明書を準備し操作方法を確認の上作業を行ってください。

marantz®

TT8001

Part no. 90M09CW855010
First Issue 2006.02
MZ

TT8001

MARANTZ DESIGN AND SERVICE

Using superior design and selected high grade components, **MARANTZ** company has created the ultimate in stereo sound. Only original **MARANTZ** parts can insure that your **MARANTZ** product will continue to perform to the specifications for which it is famous.

Parts for your **MARANTZ** equipment are generally available to our National Marantz Subsidiary or Agent.

ORDERING PARTS :

Parts can be ordered either by mail or by Fax.. In both cases, the correct part number has to be specified.

The following information must be supplied to eliminate delays in processing your order :

1. Complete address
2. Complete part numbers and quantities required
3. Description of parts
4. Model number for which part is required
5. Way of shipment
6. Signature : any order form or Fax. must be signed, otherwise such part order will be considered as null and void.

USA

MARANTZ AMERICA, INC
1100 MAPLEWOOD DRIVE
ITASCA, IL. 60143
USA
PHONE : 630 - 741 - 0300
FAX : 630 - 741 - 0301

EUROPE / TRADING

MARANTZ EUROPE B.V.
P. O. BOX 8744, BUILDING SILVERPOINT
BEEMDSTRAAT 11, 5653 MA EINDHOVEN
THE NETHERLANDS
PHONE : +31 - 40 - 2507844
FAX : +31 - 40 - 2507860

CANADA

MARANTZ CANADA INC.
5-505 APPLE CREEK BLVD.
MARKHAM, ONTARIO L3R 5B1
CANADA
PHONE : 905 - 415 - 9292
FAX : 905 - 475 - 4159

AUSTRALIA

QualiFi Pty Ltd,
24 LIONEL ROAD,
MT. WAVERLEY VIC 3149
AUSTRALIA
PHONE : +61 - (0)3 - 9543 - 1522
FAX : +61 - (0)3 - 9543 - 3677

THAILAND

MRZ STANDARD CO., LTD
746 - 754 MAHACHAI ROAD.,
WANGBURAPAPIROM, PHRANAKORN,
BANGKOK, 10200 THAILAND
PHONE : +66 - 2 - 222 9181
FAX : +66 - 2 - 224 6795

SINGAPORE

WO KEE HONG DISTRIBUTION PTE LTD
No.1 JALAN KILANG TIMOR
#08-03 PACIFIC TECH CENTRE
SINGAPORE 159303
PHONE : +65 6376 0338
FAX : +65 6376 0166

NEW ZEALAND

WILDASH AUDIO SYSTEMS NZ
14 MALVERN ROAD MT ALBERT
AUCKLAND NEW ZEALAND
PHONE : +64 - 9 - 8451958
FAX : +64 - 9 - 8463554

TAIWAN

PAI- YUING CO., LTD.
6 TH FL NO, 148 SUNG KIANG ROAD,
TAIPEI, 10429, TAIWAN R.O.C.
PHONE : +886 - 2 - 25221304
FAX : +886 - 2 - 25630415

MALAYSIA

WO KEE HONG ELECTRONICS SDN. BHD.
2ND FLOOR BANGUNAN INFINITE CENTRE
LOT 1, JALAN 13/6, 46200 PETALING JAYA
SELANGOR DARUL EHSAN, MALAYSIA
PHONE : +60 - 3 - 7954 8088
FAX : +60 - 3 - 7954 7088

JAPAN

D&M Holdings Inc.
D&M BUILDING, 2-1 NISSHIN-CHO,
KAWASAKI-KU, KAWASAKI-SHI,
KANAGAWA, 210-8569 JAPAN

株式会社 ディーアンドエムホールディングス

本 社 〒210-8569
神奈川県川崎市川崎区日進町2-1 D&Mビル

KOREA

MARANTZ KOREA CO., LTD.
ROOM 604, ELECTRO OFFICE, 16-58,
HANGGANG-RO 3GA, YONGSAN-KU,
SEOUL, 140-013, KOREA
PHONE : +82 - 2 - 323 - 2155
FAX : +82 - 2 - 323 - 2154

CHINA

MARANTZ SHANGHAI TRADING LTD.
ROOM.506 SHANGHAI LIGHT INDUSTRY MANSION
1578 NANJING (WEST) ROAD SHANGHAI
CHINA
TEL : 021 - 6248 - 1064
FAX : 021 - 6248 - 3565

SHOCK, FIRE HAZARD SERVICE TEST :

CAUTION : After servicing this appliance and prior to returning to customer, measure the resistance between either primary AC cord connector pins (with unit NOT connected to AC mains and its Power switch ON), and the face or Front Panel of product and controls and chassis bottom.

Any resistance measurement less than 1 Megohms should cause unit to be repaired or corrected before AC power is applied, and verified before it is return to the user/customer.

In case of difficulties, do not hesitate to contact the Technical
Department at above mentioned address.

1. TECHNICAL SPECIFICATIONS

■ ターンテーブル部

駆動方式.....	サーボ式ダイレクトドライブ
回転数.....	33 1/3rpm、45rpm、78rpm
ワウ・フラッター.....	0.1%以下
S/N比.....	70dB以上
起動時間.....	0.3秒以内で規定回転（33 1/3rpm時）
ターンテーブル.....	アルミダイカスト 直径：331mm
モーター.....	ダイレクトドライブモーター
スピード制御方式.....	クォーツ制御
負荷特性.....	針圧80gで0%
回転数偏差.....	±0.003%以内

■ トーンアーム部

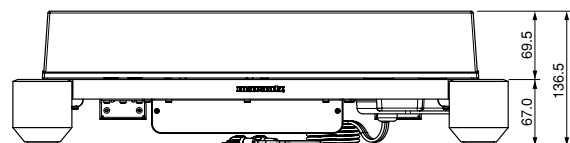
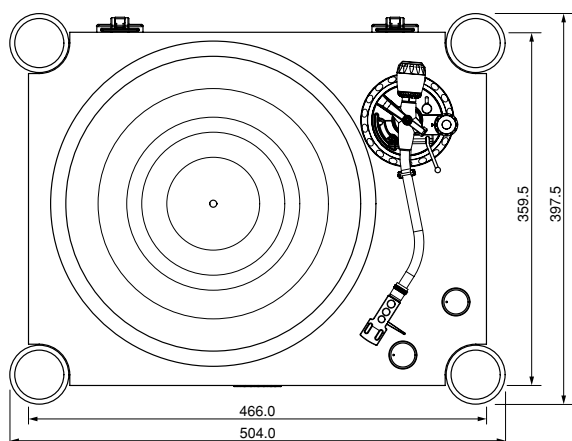
アーム形式.....	スタテックバランス S字型パイプアーム
有効長.....	230mm
オーバーハング.....	15mm
トラッキングエラー.....	3°以内
アーム高さ調整範囲.....	約6mm
針圧可変範囲.....	0～4.0g（1目盛 0.25g）
適合カートリッジ自重.....	14.0～20.0g（ヘッドシェルを含む）

■ カートリッジ部（STANTON社製 681EEE Mk III）

カートリッジ形式.....	MM型
出力電圧.....	2.5mV（1kHz）
周波数特性.....	10Hz～22kHz
適正針圧.....	0.75～1.5g
チャンネルセパレーション.....	35dB（1kHz）
チャンネルバランス.....	2dB以下（1kHz）
カートリッジ質量.....	6.3g
付属ヘッドシェル質量.....	10.3g

■ 総 合

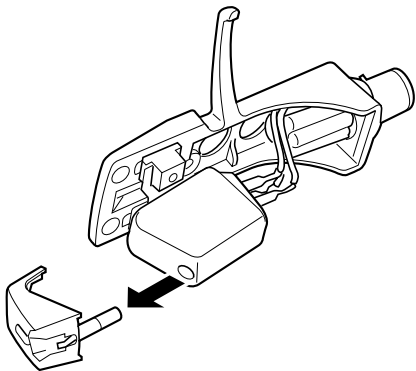
電源.....	AC 100V 50/60Hz
消費電力.....	10W（電気用品安全法による）
最大外形寸法.....	幅504×奥行397.5×高さ136.5 mm（ダストカバーを閉めた状態）
質量.....	本体：約10.4kg
ACアダプター.....	約1.3kg



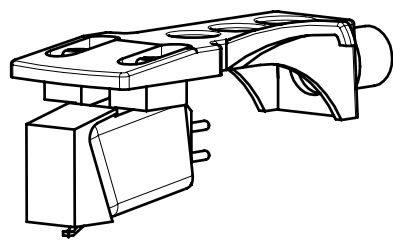
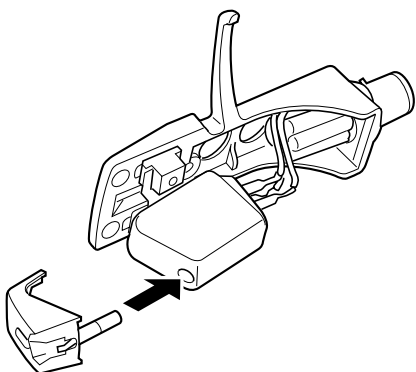
針交換のしかた

交換針は、お買い上げの販売店またはお近くの修理相談窓口にて、TT8001付属交換針『STANTON製 D6800EEEMk III』をご指定の上、お求めください。

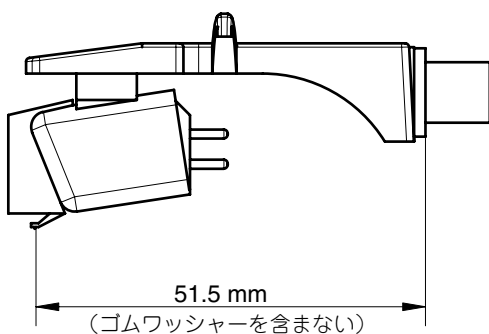
1. 本機の電源スイッチをOFFにします。
2. 古い針を矢印の方向に引き抜きます。



3. 新しい針を矢印の方向に差し込みます。



- カートリッジ（STANTON 社製 681EEE Mk III）を交換した場合のヘッドシェルへの取り付け位置（推奨）



針先の清掃

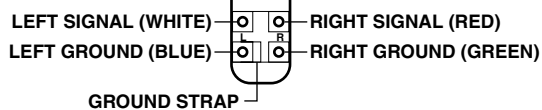
針先は非常に繊細にできていますので、取り扱いには十分ご注意ください。針先のゴミは柔らかいブラシなどで軽く取り除いてください。

針の寿命

針の寿命は使用状態などで大幅にかわります。針先が磨耗してくると高音が荒い感じになり、歪みが増し、またレコード盤を傷める原因となります。そうした場合には、速やかに針を交換してください。

注油について

本機のモーターは注油の必要がありません。絶対に注油しないでください。



2. ALIGNMENT

WOW FLUTTER / ROTATIONAL SPEED ADJUSTMENT

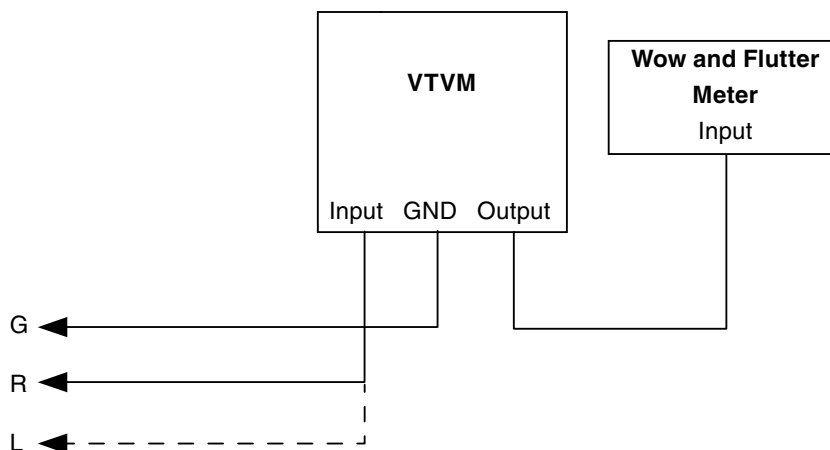
ワウ・フラッタ / 回転数の調整

Necessary Equipment

- VTVM(Vacuum Tube Volt Meter)
- Wow and Flutter meter
- Test Record
- Screw driver (ceramic)

必要機器

- VTVM (高周波電圧計)
- ワウ・フラッターメータ (回転むら計)
- テスト用レコード*
- ドライバー (セラミック)



ADJUSTMENT PROCEDURE

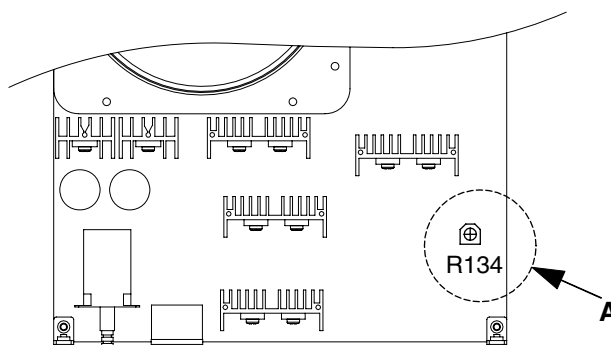
Remove Screws and Bottom cover and adjust D.D motor PWB R134 with screwdriver if it's not specific. (See the Image A).

調整手順

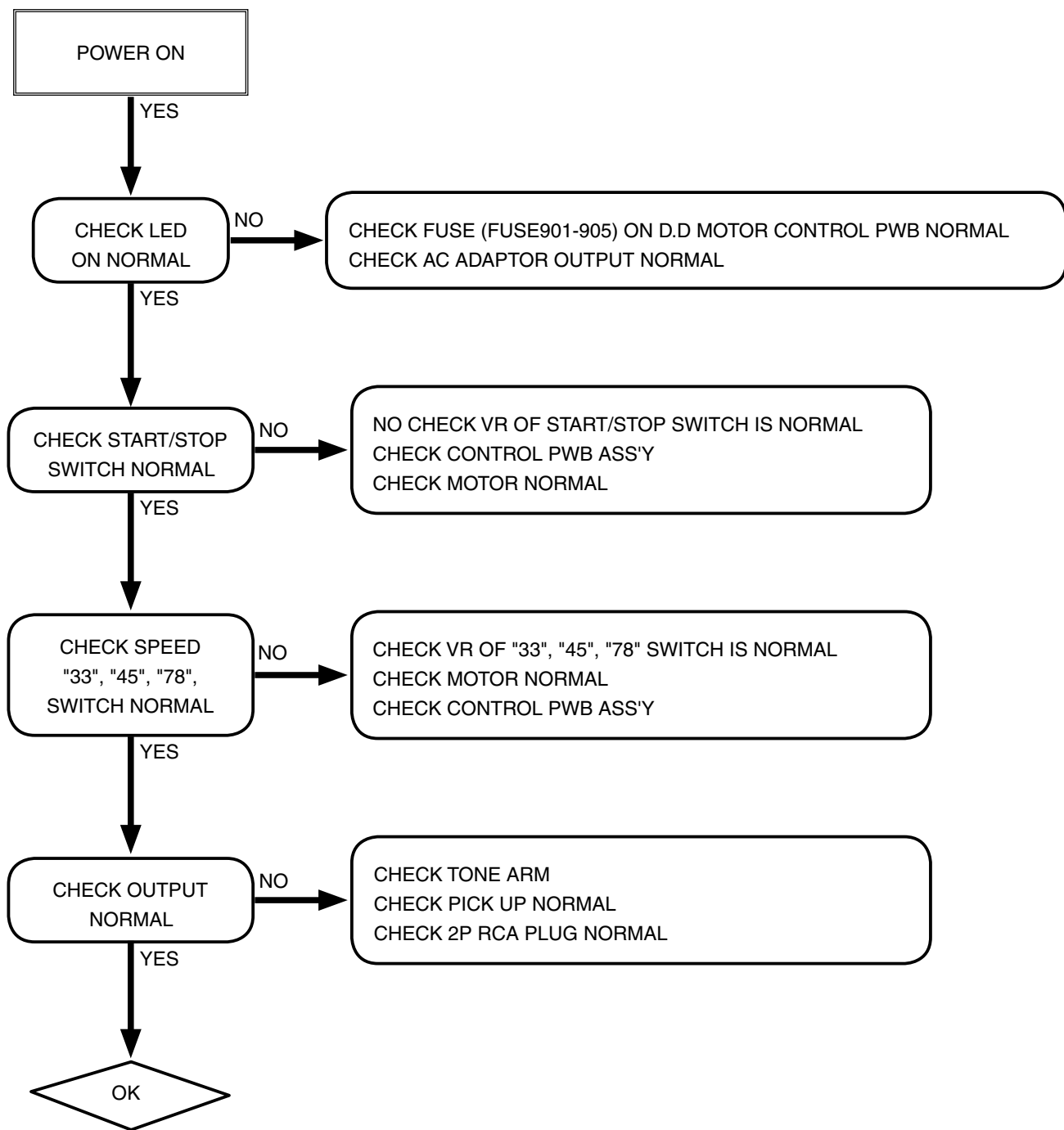
ボトムカバーのネジを外し、ボトムカバーを外します。調整は、D.D MOTOR 基板の R134 (半固定ボリューム) にドライバーを差し込み行います。(矢印 A 参照)

1. Use test record (3000Hz) to check Speed variation: 33 RPM (specified tracking) and 45 RPM (specified tracking) and 78 RPM (specified tracking) at $\pm 0.003\%$ (2,991~3,009 Hz).
2. Use test record (3000Hz) to check Wow Flutter: 33 RPM (specified tracking) and 45 RPM (specified tracking) and 78 RPM (specified tracking) to test and specify if Wow Flutter within 0.1% (JIS WRMS).

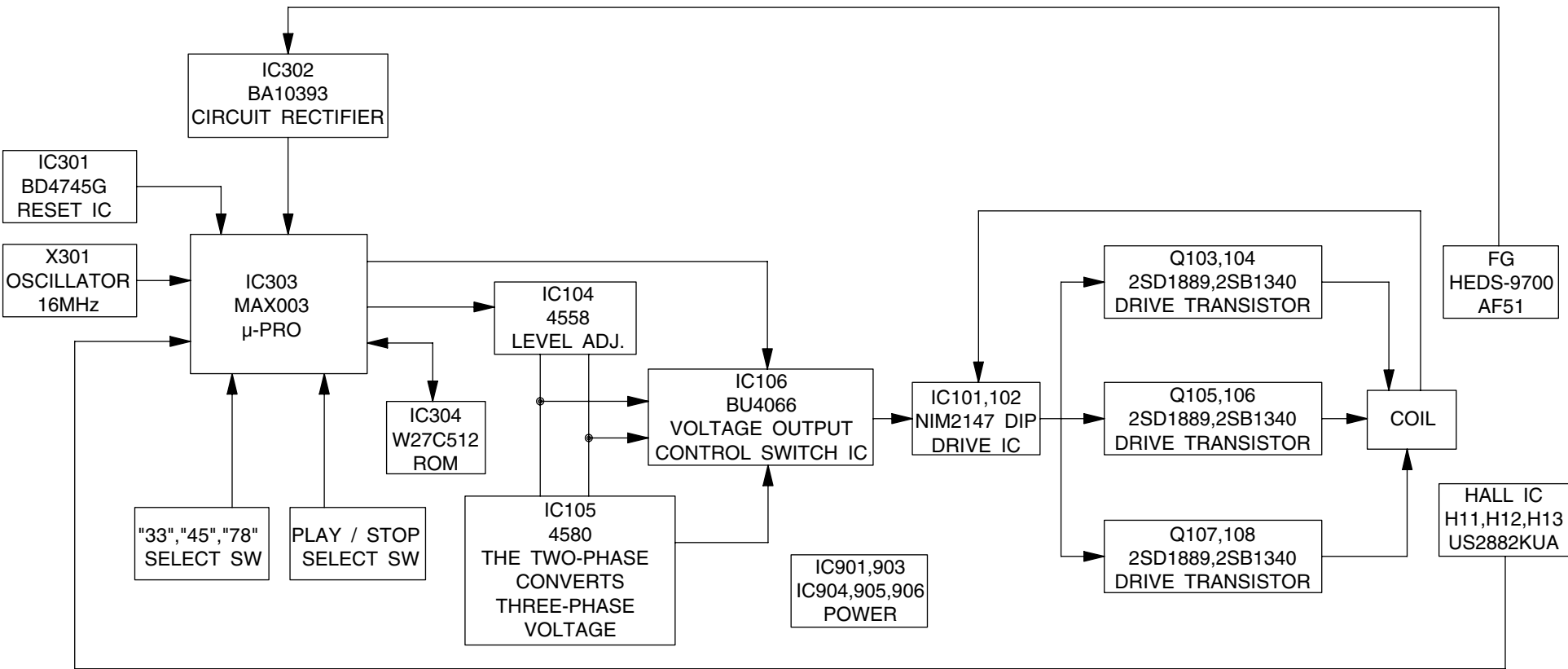
1. テスト用レコード* (3000Hz) を使用し、回転数に対応する記録溝を演奏し回転数偏差を $\pm 0.003\%$ (2,991~3,009 Hz) に調整します。
2. テスト用レコード* (3000Hz) を使用し、回転数に対応する記録溝を演奏しワウ・フラッタを 0.1% 以内 (JIS 規格 WRMS) に調整します。



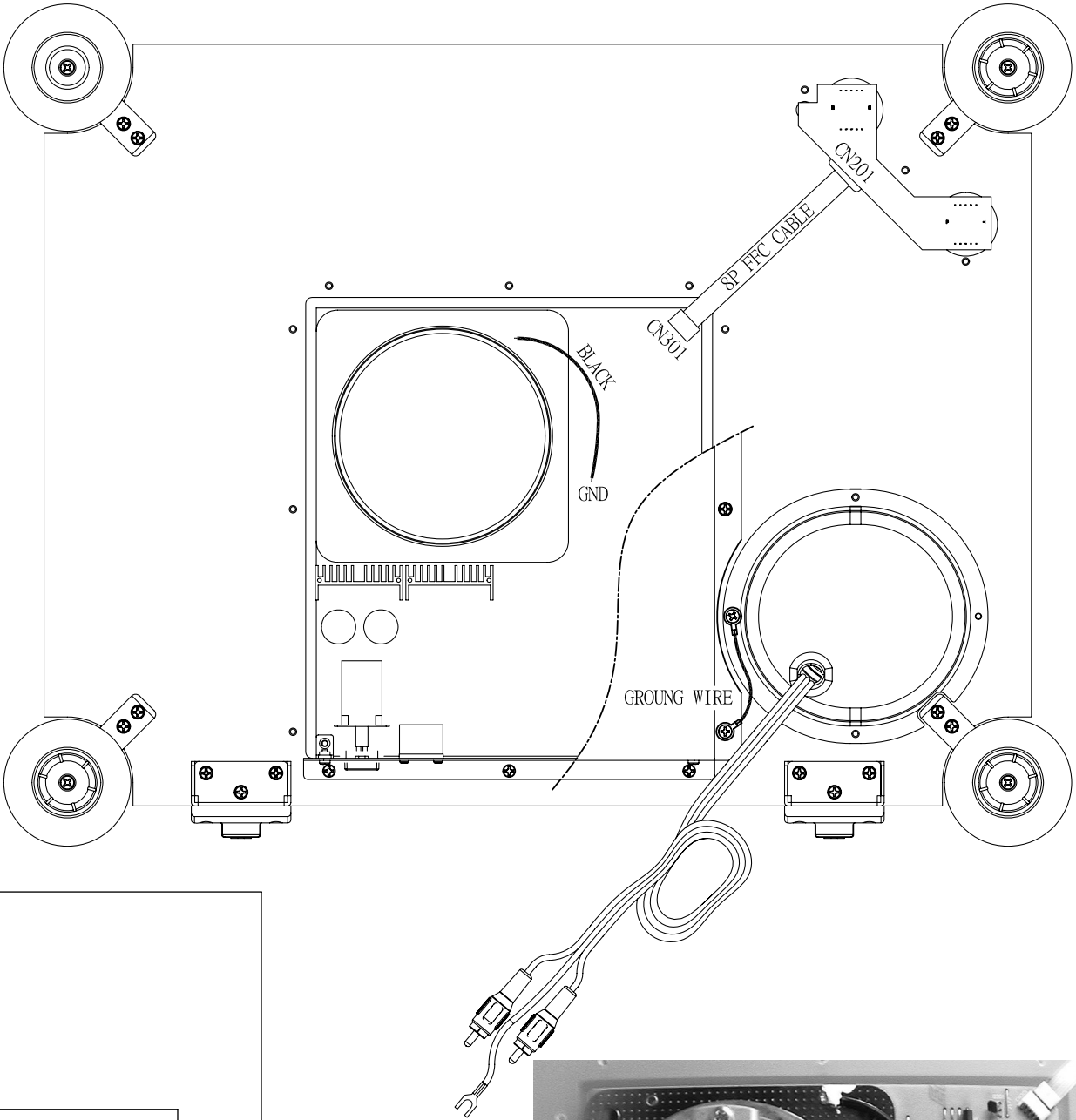
3. TROUBLESHOOTING



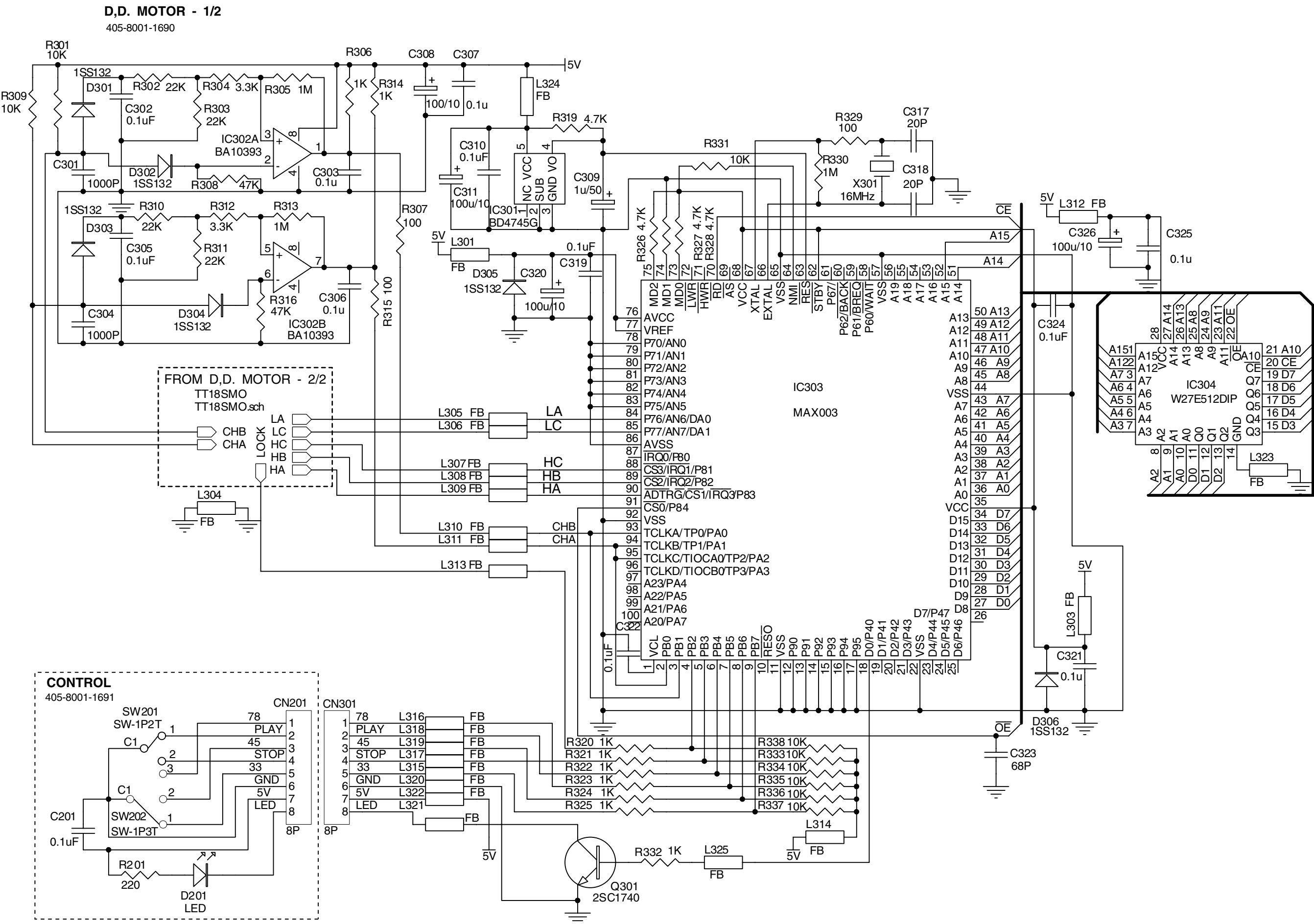
4. BLOCK DIAGRAM



5. WIRING DIAGRAM

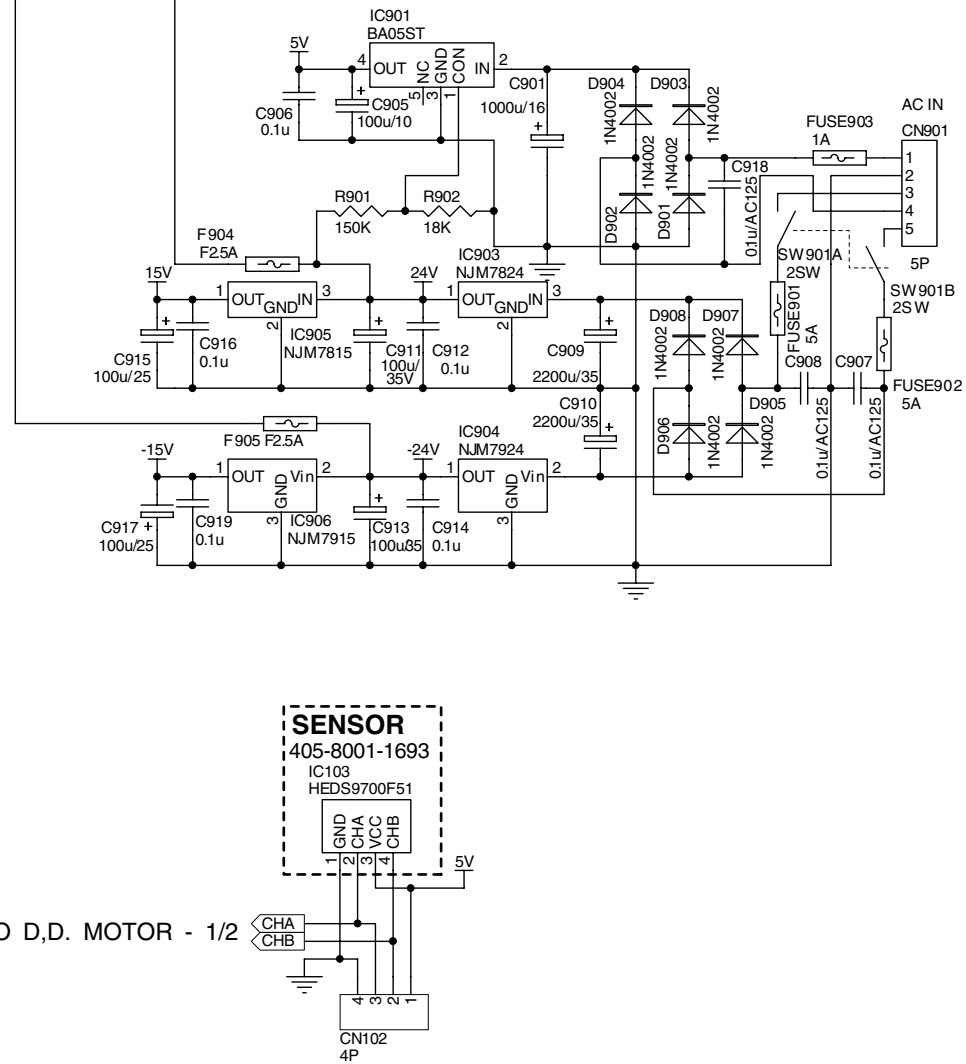
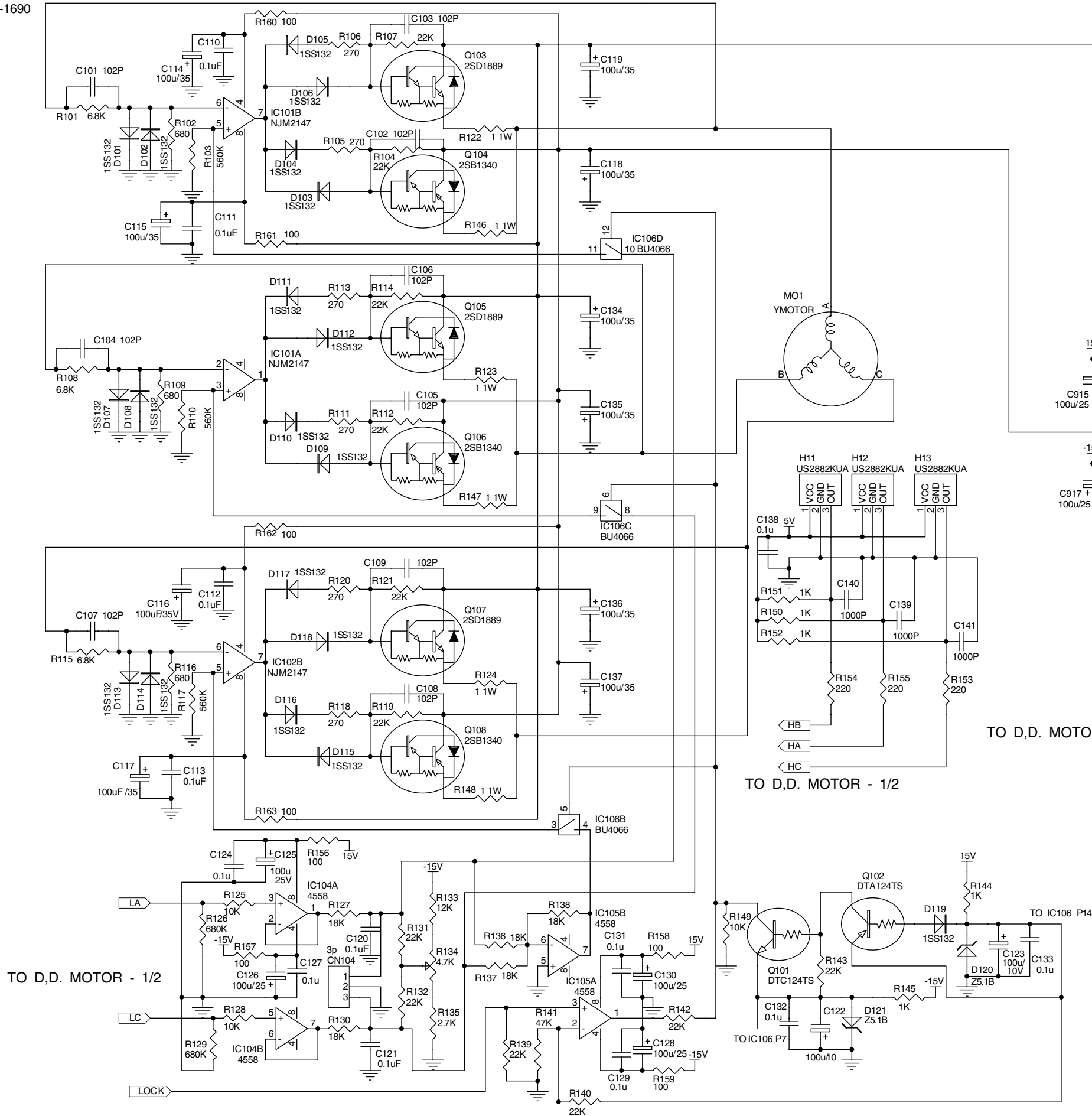


6. SCHEMATIC DIAGRAM



D,D. MOTOR - 2/2

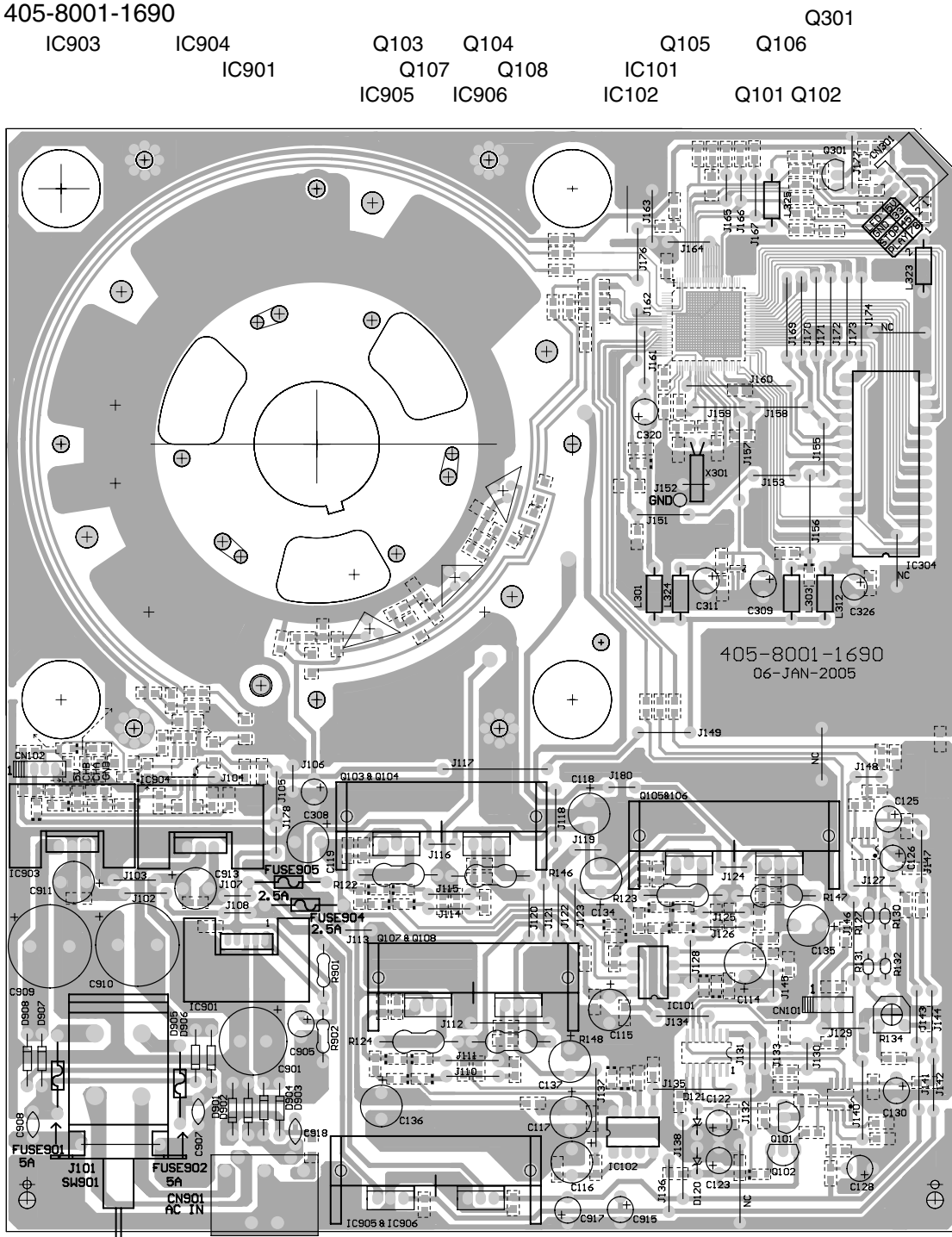
405-8001-1690



7. PARTS LOCATION

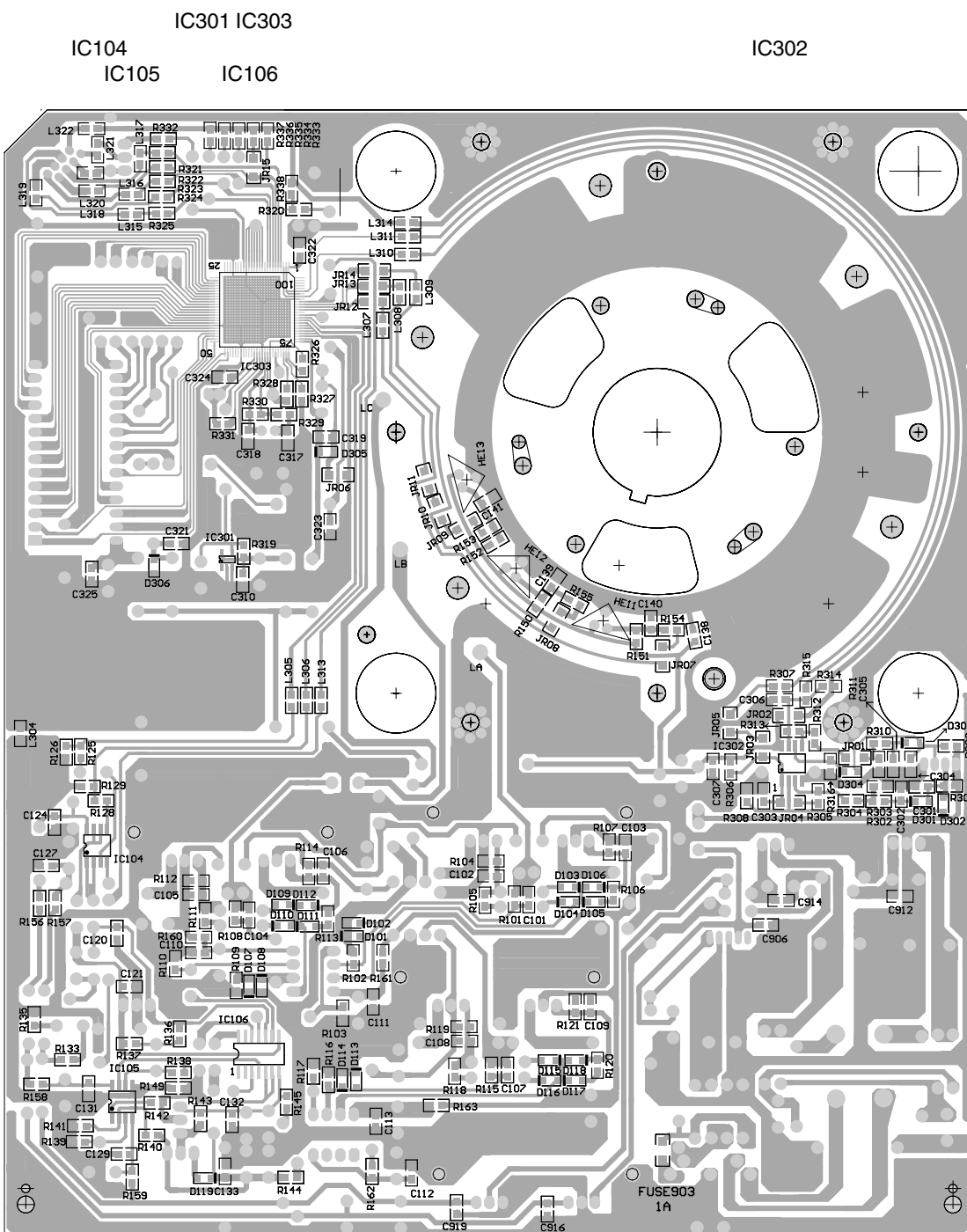
D,D. MOTOR A

405-8001-1690



D,D. MOTOR B

405-8001-1690



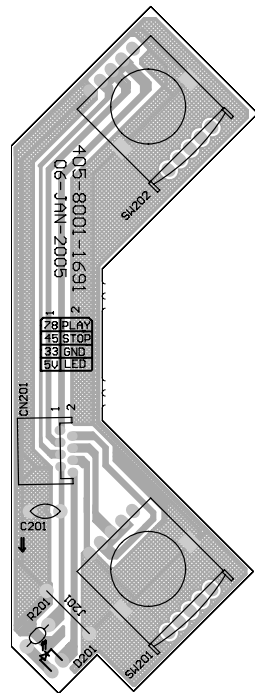
鉛フリー半田

半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

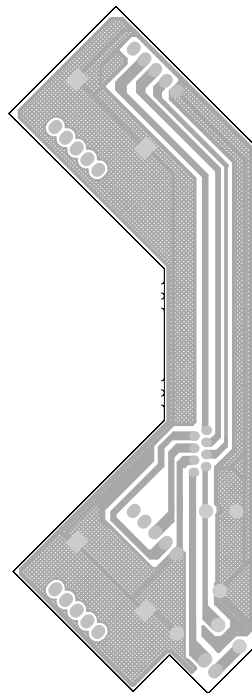
Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

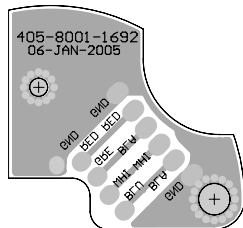
CONTROL A
405-8001-1691



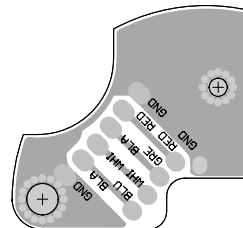
CONTROL B
405-8001-1691



SIGNAL A
405-8001-1692



SIGNAL B
405-8001-1692



SENSOR A
405-8001-1693
IC103

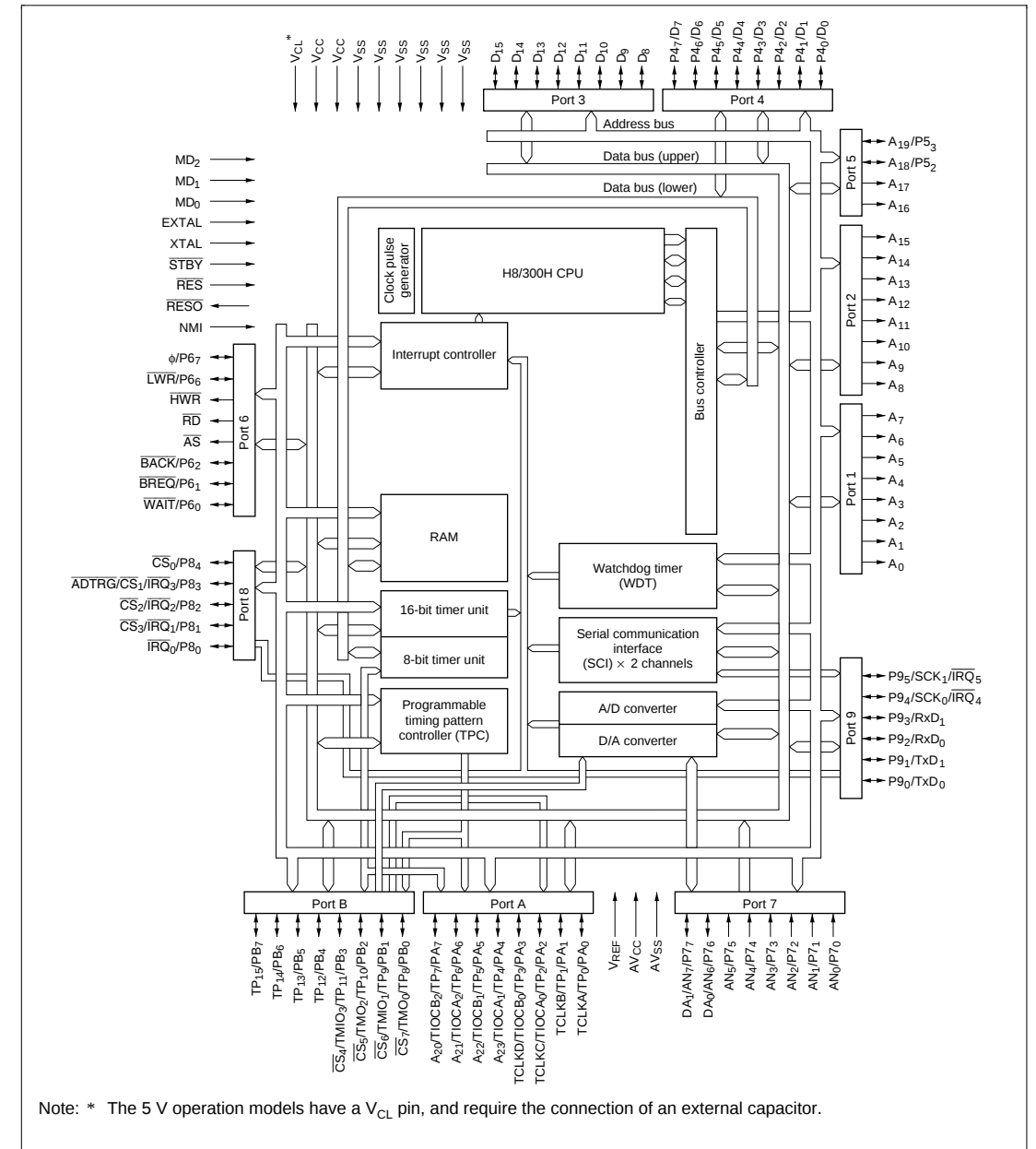


SENSOR B
405-8001-1693



8. MICROPROCESSOR AND IC DATA

IC303
MAX003

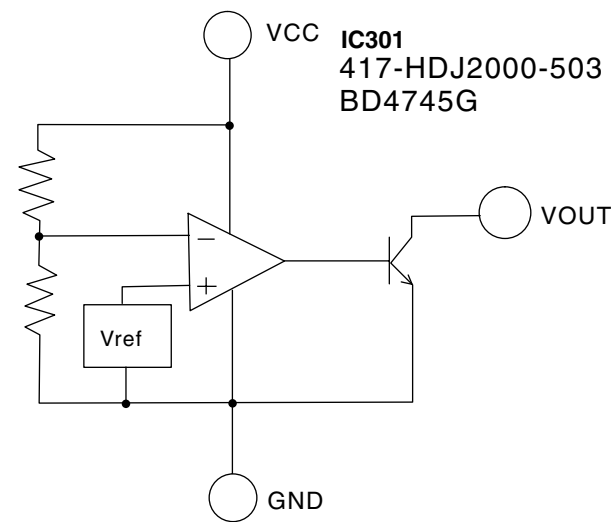


鉛フリー半田

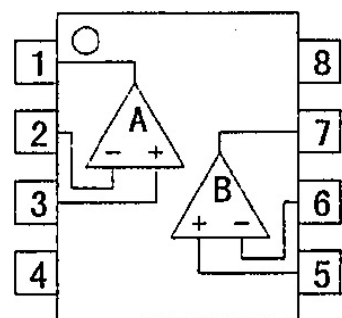
半田付けには、鉛フリー半田 (Sn-Ag-Cu) を使用してください。

Lead-free Solder

When soldering, use the Lead-free Solder (Sn-Ag-Cu).

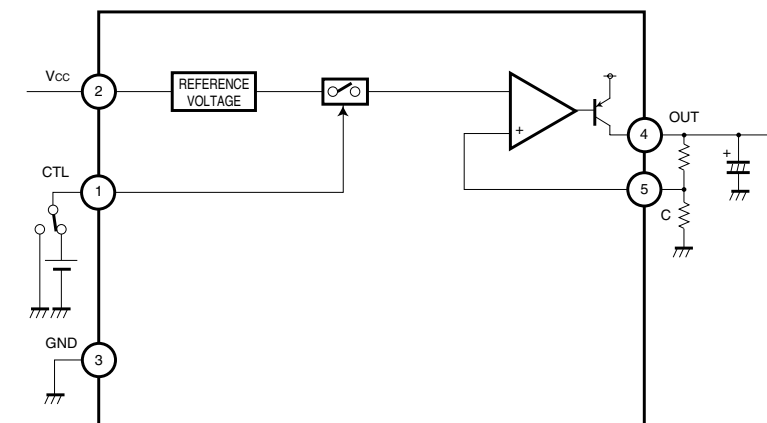


IC101, IC102
417-DJ5500-579
NJM2147D, DIP8

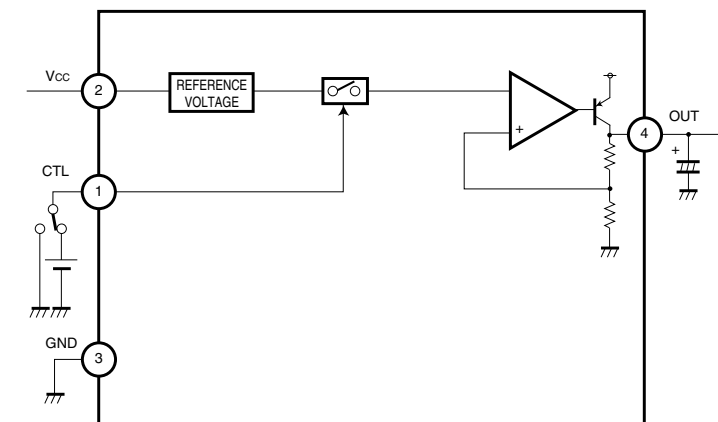


- PIN FUNCTION**
1. A OUTPUT
 2. A -INPUT
 3. A +INPUT
 4. V^-
 5. B +INPUT
 6. B -INPUT
 7. B OUTPUT
 8. V^+

IC901
417-8001-764
BA05ST, TO-220FP

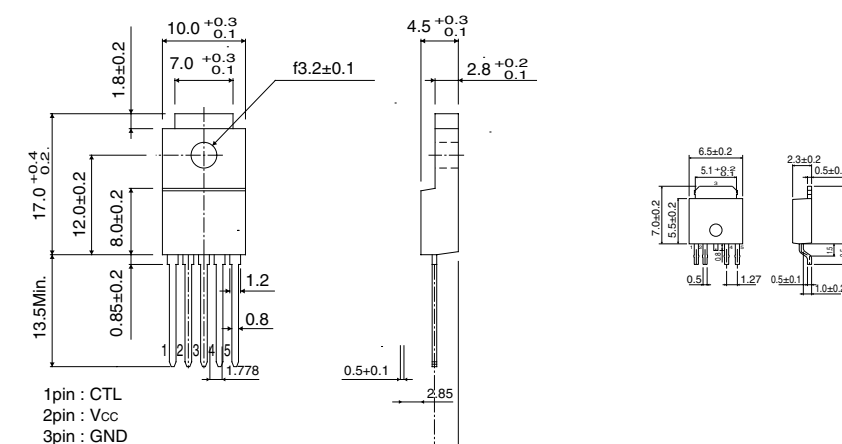


Variable output type (BA00AST / ASFP)



Fixed output type

Dimensions (Units:mm)

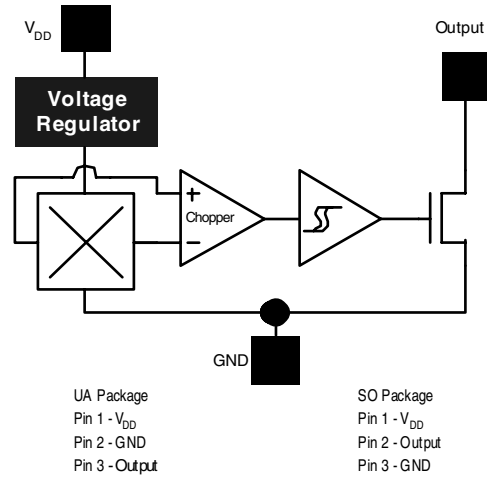


- 1pin : CTL
2pin : VCC
3pin : GND
4pin : OUT
5pin : N.C.

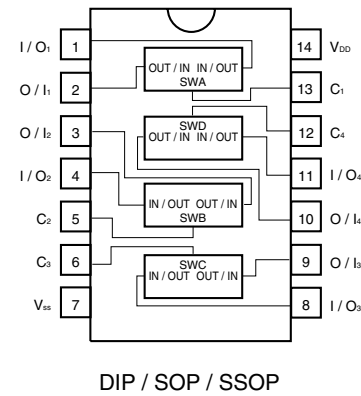
TO220FP-5

TO252-5

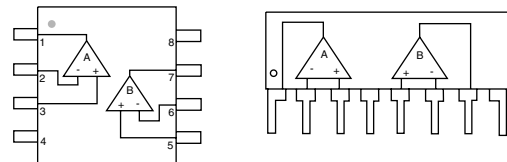
H11, H12, H13
417-DJ5500-580
IC(US1881KUA/US2882KUA)



IC106
417-QMX2-190
BU4066BCF



IC104, IC105
417-PS2-577
4558MSMD

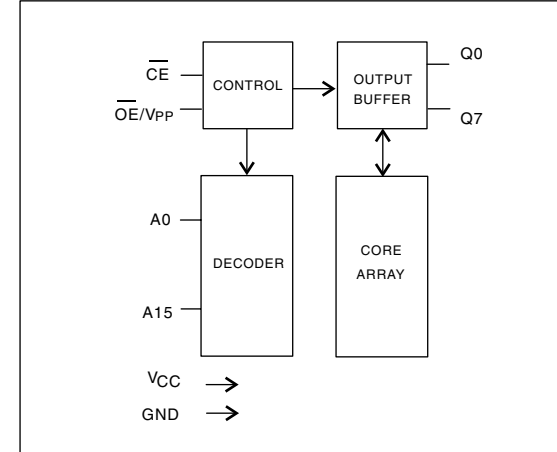


NJM4558D, NJM4558M, NJM4558V
 NJM4559D, NJM4559M, NJM4559V

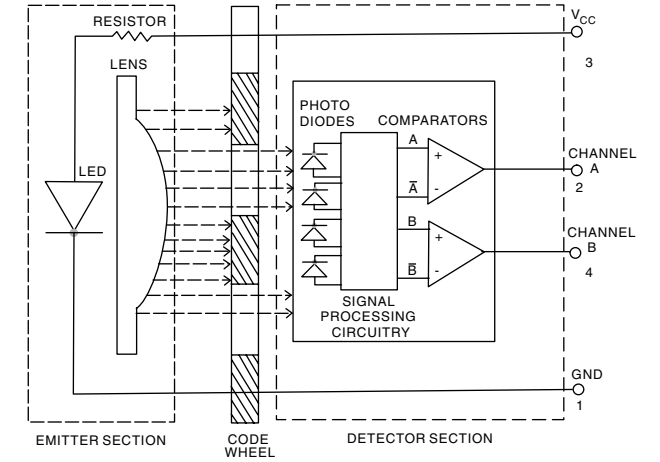
NJM4558L
 NJM4559L

PIN FUNCTION
 1. A OUTPUT
 2. A-INPUT
 3. A+INPUT
 4. V^-
 5. B+INPUT
 6. B-INPUT
 7. B OUTPUT
 8. V^+

IC304
417-HV3500K-244
W27E512-12

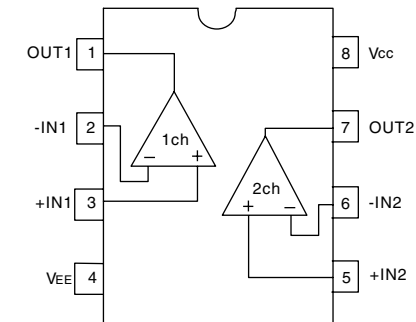


IC103
417-PS2-504
HEDS-9700#F51

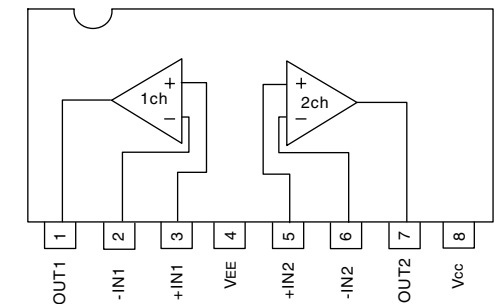


IC302
417-DV330-197

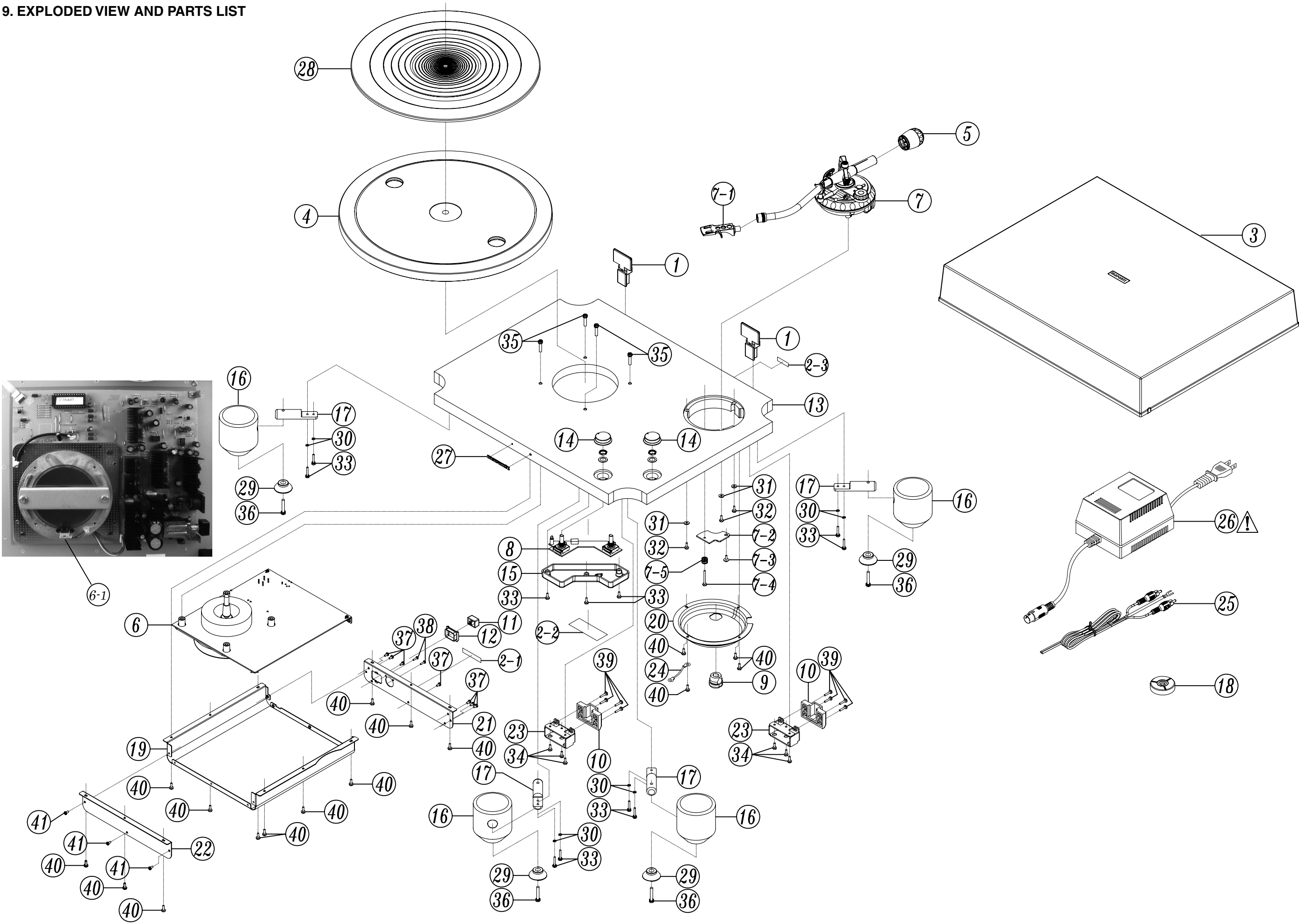
BA10393/BA10393F



BA10393N



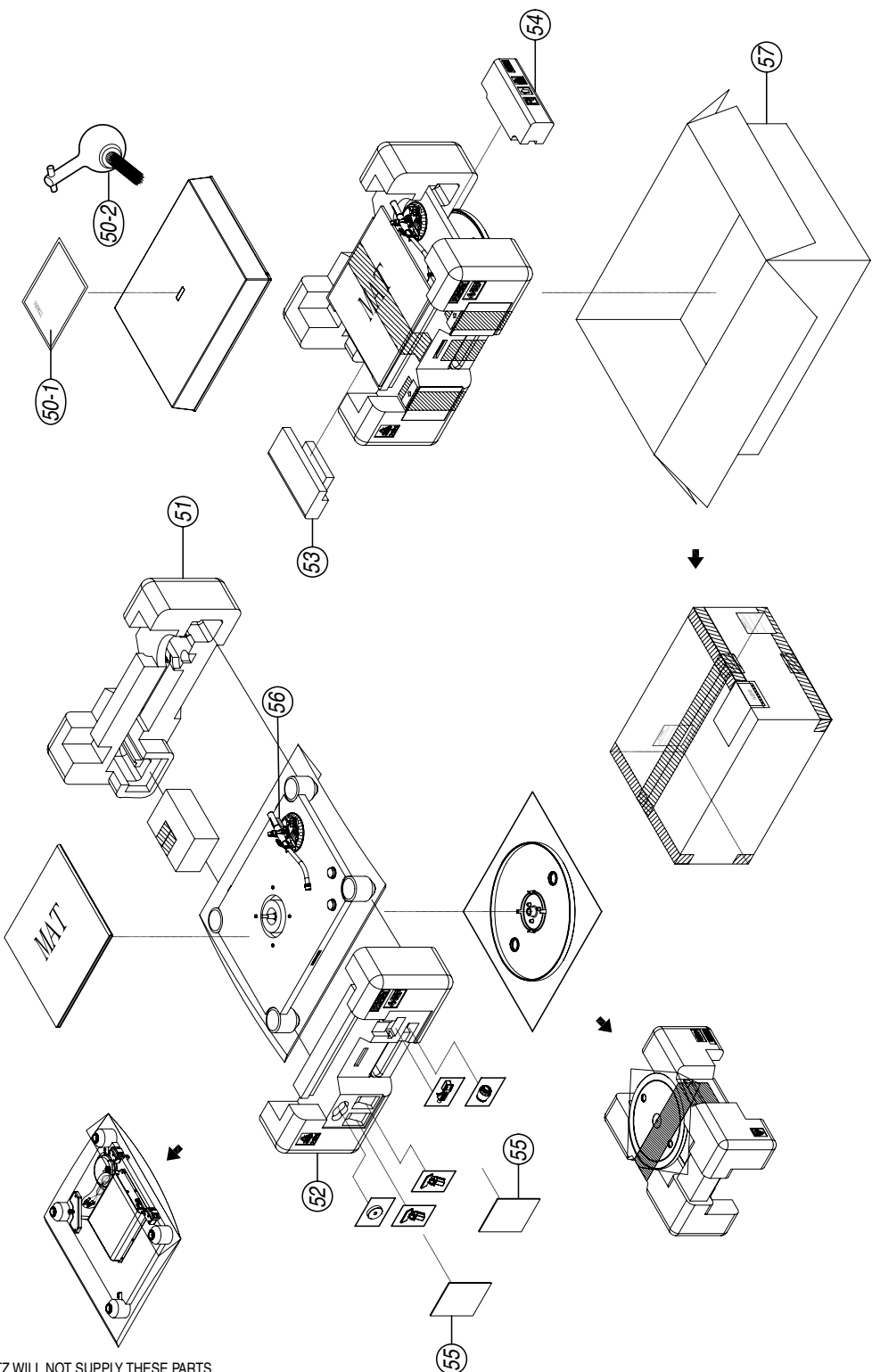
9. EXPLODED VIEW AND PARTS LIST



P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
	1			00D9410016708	HINGE	HINGE ASSY 701-500-2988
	2			nsp	LABEL	SHIPPING LABEL (86*146MM,T=0.08MM) 701-8001-3655
	2-1			nsp	LABEL	SERIAL NO. LABEL (60*8MM,T=0.08MM)
	2-2			nsp	LABEL	BAR CODE LABEL (62*23MM,T=0.08MM)
	2-3			nsp	LABEL	PRODUCTION YEAR LABE
	3			90M09CW053510	COVER	DUST COVER ASSY 701-8001-3659
	4			90M09CW165510	TURNTABLE	ALUMINUM PLATTER ASSY 702-8001-052
	5			90M09CW008510	WEIGHT	COUNTER WEIGHT 702-8001-053
	6			90M-PM200010R	PHONO MOTOR UNIT	D.D.MOTOR ASSY / PWB ASSY 704-8001-6106
	6-1			nsp	PWB ASSY	SENSOR PWB ASSY 405-8001-1693
	7			90M-PA000040R	TONE ARM	TONE ARM ASSY 704-8001-6108
	7-1			90M-PC000050R	HEADSHELL	HEADSHELL ASSY 703-8001-991
	7-2			nsp	PWB ASSY	SIGNAL PWB(BARE) 405-8001-1692
	7-3			nsp	SCREW	SCREW(SAE1018,WPTP,M3*8) 602-B600-056
	7-4			nsp	SCREW	SCREW(SAE1018,BTB,ø3*L25) 602-ST150-439
	7-5			nsp	SPRING	GROUND SPRING 603-DJ150-240
	8			nsp	PWB ASSY	CONTROL PWB ASSY 704-8001-6155
	9			90M09CW259010	BUSHING	STRAIN RELIFE BUSHING (7R-2) 100-8001-1323
	10			00D9410016601	HINGE	HINGE SLIDE 100-DJ3000-1350
	11			90M09CW154010	KNOB	POWER KNOB 100-HDJ2000-1641
	12			90M09CW259020	BUSHING	KNOB PROTECTOR 100-HDJ2000-1642
	13			90M09CW105010	CHASSIS	CHASSIS 100-8001-2367
	14			90M09CW154020	KNOB	TURNING KNOB 100-8001-2368
	15			90M09CW053020	COVER	KNOB BASE 100-8001-2369
	16			90M09CW057010	LEG	FOOT 200-8001-488
	17			nsp	BRACKET	FOOT BRACKET 200-8001-489
	18			90M09CW362010	ADAPTOR	45 RPM ADAPTOR(AL) 200-DJ3000-211
	19			nsp	COVER	MOTOR BASE 300-8001-1346
	20			nsp	COVER	TONEARM BASE 300-8001-1347
	21			nsp	PANEL	REAR BOARD 300-8001-1348
	22			nsp	PANEL	BACK BOARD 300-8001-1348A
	23			90M09CW160010	BRACKET	HINGE FIXING PLATE 300-8001-1349
	24			nsp	CORD	GROUNG WIRE 406-8001-833
	25			90M-YB001930R	CONN. CORD	2P CINCH PLUG (2P,L=1200+-30MM) 408-DJ3000-031A
▲	26			90M-AA000110R	A.C ADAPTOR	AC100V,50/60HZ,EI-66 411-8001-533
	27			00M14AJ251020	BADGE	BADGE(SILVER) 501-8001-1882
	28			90M09CW107510	SHEET	SLIPMAT 705-DJ1900-078
	29			90M09CW056010	BUFFER	RUBBER FOOT 604-8001-364
	30			nsp	WASHER	WASHER(ø5.5*3*0.7T) 606-B300-039
	31			nsp	WASHER	WASHER(ø8*3.2*1T,NI) 606-Q2221-122
	32			nsp	SCREW	SCREW(SAE1018,BTB,ø3*L8) 602-DM3000-270
	33			nsp	SCREW	SCREW(PTP,DIA3*14) 602-DJ3000-272
	34			nsp	SCREW	SCREW(PTB,ø3*8,ZB) 602-DJ5500-452
	35			nsp	SCREW	SCREW(M4*18,SPRING WASHER,BLACK) 602-500-470
	36			nsp	SCREW	SCREW 602-8001-580
	37			nsp	SCREW	SCREW 602-8001-581
	38			nsp	SCREW	SCREW 602-8001-582
	39			nsp	SCREW	SCREW 602-8001-583
	40			nsp	SCREW	SCREW 602-8001-591
	41			nsp	SCREW	SCREW 602-SA12-378
	42			nsp	SCREW	SCREW 602-8001-592

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (FOR EUR)	PART NO. (MZ)	PART NAME	DESCRIPTION
PACKING						
	50			nsp	USER GUIDE	I/B ASSY 701-8001-3638
	50-1			00M09CW851110	USER GUIDE	USER GUIDE TT8001 502-8001-2002
	50-2			90M09CW071010	CLEANER	CLEANING BRUSH
NOT STANDARD SPARE PART						
	51			90M09CW809020	CUSHION	POLYFOAM B 506-8001-445B
	52			90M09CW809010	CUSHION	POLYFOAM F 506-8001-445F
	53			90M09CW809030	CUSHION	POLYFOAM L 506-8001-445L
	54			90M09CW809040	CUSHION	POLYFOAM R 506-8001-445R
	55			90M09CW807010	REINFORCING	PASTEBPARD(123.5*110MM) 507-8001-2660
	56			90M09CW809050	CUSHION	CUSHION FOR TONEARM (20*20*28T) 612-ST150-159
	57			90M09CW801010	PACKING CASE	GIFT BOX 507-8001-2649



NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

10. ELECTRICAL PARTS LIST

PARTS INFORMATION

RESISTORS

- 1) 00MGD05 × × × 140, Carbon film fixed resistor, ±5% 1/4W
 2) 00MGD05 × × × 160, Carbon film fixed resistor, ±5% 1/6W

① — Resistance value

Examples ;

① Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

Note : Please distinguish 1/4W from 1/6W by the shape of parts used actually.

CAPACITORS

CERAMIC CAP.

- 3) 00MDD1 × × × × 370 Ceramic capacitor
 Disc type
 Temp.coef.P350 ~N1000, 50V
 ② — Capacity value
 ③ — Tolerance

Examples ;

② Tolerance (Capacity deviation)

±0.25 pF 0
±0.5 pF 1
±5% 5

* Tolerance of COMMON PARTS handled here are as follows :

0.5 pF ~ 5 pF ±0.25 pF
6 pF ~ 10 pF ±0.5 pF
12 pF ~ 560 pF ±5%

③ Capacity value

0.5 pF 005	3 pF 030	100 pF 101
1 pF 010	10 pF 100	220 pF 221
1.5 pF 015	47 pF 470	560 pF 561

CERAMIC CAP.

- 4) 00MDK16 × × × 300, High dielectric constant ceramic capacitor
 Disc type
 Temp.chara. 2B4, 50V
 ④ — Capacity value

Examples ;

④ Capacity value

100 pF 101	1000 pF 102	10000 pF 103
470 pF 471	2200 pF 222	

ELECTROLY CAP. (⏏)

- 5) 00MEA × × × × × 10, Electrolytic capacitor
 One-way lead type, Tolerance ±20%
 ⑤ — Capacity value
 ⑥ — Working voltage

Examples ;

⑤ Capacity value

0.1 μF 104	4.7 μF 475	100 μF 107
0.33 μF 334	10 μF 106	330 μF 337
1 μF 105	22 μF 226	1100 μF 118
		2200 μF 228

⑥ Working voltage

6.3V 006	25V 025
10V 010	35V 035
16V 016	50V 050

FILM CAP. (⏏)

- 6) 00MDF15 × × × 350 Plastic film capacitor
 00MDF15 × × × 310 One-way type, Mylar ±5% 50V
 00MDF16 × × × 310 Plastic film capacitor
 One-way type, Mylar ±10% 50V
 ⑦ — Capacity value

Examples ;

⑦ Capacity value

0.001 μF (1000 pF) 102	0.1 μF 104
0.0018 μF 182	0.56 μF 564
0.01 μF 103	1 μF 105
0.015 μF 153	

NOTE ON SAFETY FOR FUSIBLE RESISTOR :

The suppliers and their type numbers of fusible resistors are as follows;

1. KOA Corporation

Part No. (MJI)	Type No. (KOA)	Description
00MNH05 × × × 140	RF25S × × × × ΩJ	(±5% 1/4W)
00MNH05 × × × 120	RF50S × × × × ΩJ	(±5% 1/2W)
00MNH85 × × × 110	RF73B2A × × × × ΩJ	(±5% 1/10W)
00MNH95 × × × 140	RF73B2E × × × × ΩJ	(±5% 1/4W)

* Resistance value Resistance value (0.1 Ω – 10 kΩ)

2. Matsushita Electronic Components Co., Ltd

Part No. (MJI)	Type No. (MEC)	Description
00MNF05 × × × 140	ERD-2FCJ × × ×	(±5% 1/4W)
00MRF05 × × × 140		
00MNF02 × × × 140	ERD-2FCG × × ×	(±2% 1/4W)
00MRF02 × × × 140		

* Resistance value * Resistance value

Examples ;

* Resistance value

0.1 Ω 001	10 Ω 100	1 kΩ 102	100 kΩ 104
0.5 Ω 005	18 Ω 180	2.7 kΩ 272	680 kΩ 684
1 Ω 010	100 Ω 101	10 kΩ 103	1 MΩ 105
6.8 Ω 068	390 Ω 391	22 kΩ 223	4.7 MΩ 475

ABBREVIATION AND MARKS

ANT. : ANTENNA	BATT. : BATTERY
CAP. : CAPACITOR	CER. : CERAMIC
CONN. : CONNECTING	DIG. : DIGITAL
HP : HEADPHONE	MIC. : MICROPHONE
μ-PRO : MICROPROCESSOR	REC. : RECORDING
RES. : RESISTOR	SPK : SPEAKER
SW : SWITCH	TRANSF. : TRANSFORMER
TRIM. : TRIMMING	TRS. : TRANSISTOR
VAR. : VARIABLE	X'TAL : CRYSTAL

NOTE ON FUSE :

Regarding to all parts of parts code **00MFS20xxx2xx**, replace only with Wickmann-Werke GmbH, Type 372 non glass type fuse.

NOTE ON SAFETY :

Symbol  Fire or electrical shock hazard. Only original parts should be used to replaced any part marked with symbol . Any other component substitution (other than original type), may increase risk of fire or electrical shock hazard.

安全上の注意 :

 がついている部品は、安全上重要な部品です。必ず指定されている部品番号の部品を使用して下さい。

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION
				CONTROL PWB ASSY	
CTRL	SW201		90M-SR000310R	ROTARY SW	ROTARY SW(SR1712F-0102-20F0A-N9-N,L=20) 403-8001-261
CTRL	SW202		90M-SR000320R	ROTARY SW	ROTARY SW(SR1712F-0103-20F0A-N9-N,L=20) 403-8001-262
CTRL	CN201		nsp	CONN.	8P FFC CONNECTOR(528070810) 404-8001-2237
CTRL	J201		nsp	CORD	JUMPER(ø0.6mm,L=10mm,H=10mm) 406-2002-105
CTRL	D201		90M-HI101160R	L.E.D.	LED (LTL42UB5N,BLUE) 410-NT2000-149
CTRL	R201		nsp	RES.	CARBON FILM(330 OHM,1/6W,J,T-26) 412-KM300-118
CTRL	C201		00D9580055505	CER. CAP.	CERAMIC CAPACITOR(0.1uF/50V,Z,Y5V) 413-3113-035
CTRL	D201		nsp	SUPPORT	HOLDER(LED3-11,ø4.2,H=11.1mm,WHITE) 504-9800F-152
				D.D. MOTOR PWB ASSY	
MOTOR			nsp	BRACKET	BRACKET(L TYPE) 300-HDJ7000-472
MOTOR			nsp	HEATSINK	HEAT SINK IC901 425-2002-001
MOTOR			nsp	HEATSINK	HEAT SINK(20700400000BP0)Q105&Q106 425-ST150-064
MOTOR			nsp	HEATSINK	HEAT SINK(20700400000BP0)Q107&Q108 425-ST150-064
MOTOR			nsp	HEATSINK	HEAT SINK(20700400000BP0)IC905&IC906 425-ST150-064
MOTOR			nsp	SCREW	SCREW(SAE1018,BTP,ø3*8) 602-2002-077
MOTOR			nsp	SCREW	SCREW(3*5 P=0.5) 602-B300-041
MOTOR	C101		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C102		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C103		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C104		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C105		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C106		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C107		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C108		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C109		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C110		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C111		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C112		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C113		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C114		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C115		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C116		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C117		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C118		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C119		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C120		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C121		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C122		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C123		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C124		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C125		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C126		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C127		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C128		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C129		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C130		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C131		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C132		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C133		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C134		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C135		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C136		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C137		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C138		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C139		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C140		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C141		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C301		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C302		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C303		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C304		00D9580049100	CER. CAP.	1000pF/50V,J,0805 TYPE,NPO 413-DV330-311
MOTOR	C305		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION
MOTOR	C306		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C307		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C308		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C309		00D9410024703	ELECT CAP.	1uF/50V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-3113-049
MOTOR	C310		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C311		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C317		90M-DD000010R	CER. CAP.	CHIP(20pF/ 50V,J,0805 TYPE,NPO) 413-DV330-315
MOTOR	C318		90M-DD000010R	CER. CAP.	CHIP(20pF/ 50V,J,0805 TYPE,NPO) 413-DV330-315
MOTOR	C319		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C320		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C321		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C322		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C323		90M-DD000020R	CER. CAP.	CHIP(68pF/50V,J,0805 TYPE,NPO) 413-QMX2-133
MOTOR	C324		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C325		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C326		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C901		90M-OA000520R	ELECT CAP.	1000uF/16V,M, 105°C 10*17(Cd,Pb,Hg,Cr) 413-F202-001
MOTOR	C905		00D9410024237	ELECT CAP.	100uF/16V,M,105°C 5*11(Cd,Pb,Hg,Cr) 413-PXE90-109
MOTOR	C906		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C907		nsp	FILM CAP.	METAL POLYESTER(0.1uF/AC125V,K) 413-DJ3500-884
MOTOR	C908		nsp	FILM CAP.	METAL POLYESTER(0.1uF/AC125V,K) 413-DJ3500-884
MOTOR	C909		00D9410024402	ELECT CAP.	2200uF/35V,M, 105°C 16*26(Cd,Pb,Hg,Cr) 413-HT7016-223
MOTOR	C910		00D9410024402	ELECT CAP.	2200uF/35V,M, 105°C 16*26(Cd,Pb,Hg,Cr) 413-HT7016-223
MOTOR	C911		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C912		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C913		00D9410024211	ELECT CAP.	100uF/35V,M,105°C,6.3*11(Cd,Pb,Hg,Cr) 413-HMD5000-356
MOTOR	C914		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C915		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C916		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	C917		00D9410024224	ELECT CAP.	100uF/25V,M,105°C 6.3*11(Cd,Pb,Hg,Cr) 413-HS100-180
MOTOR	C918		nsp	FILM CAP.	METAL POLYESTER(0.1uF/AC125V,K) 413-DJ3500-884
MOTOR	C919		00D9410024606	CER. CAP.	0.1uF/ 50V,Z,0805 TYPE,Y5V 413-DV330-313
MOTOR	CN101		00D9580042204	CONN.	3P 2.54 STRIP PIN HEADER(H=12.6mm,180°) 424-KT350-005
MOTOR	CN301		nsp	CONN.	8P FFC CONNECTOR(528070810) 404-8001-2237
MOTOR	CN901		90M-YT004830R	TERMINAL	5P DIN SOCKET(JY-5001A) 420-CDN88-085
MOTOR	D101		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D102		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D103		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D104		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D105		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D106		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D107		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D108		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D109		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D110		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D111		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D112		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D113		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D114		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D115		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D116		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D117		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D118		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D119		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D120		00D9580075103	ZENER DIODE	ZENER DIODE(MTZJ5.1-B,1/2W,T-77) 414-HDJ200-056
MOTOR	D121		00D9580075103	ZENER DIODE	ZENER DIODE(MTZJ5.1-B,1/2W,T-77) 414-HDJ200-056
MOTOR	D301		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D302		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D303		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D304		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D305		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D306		90M-HZ200200R	DIODE	SWITCHING DIODE(1SS355,UMD2,SMD) 414-CD1000-075
MOTOR	D901		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V) 414-DV300-5014

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION	
MOTOR	D902		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D903		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D904		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D905		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D906		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D907		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	D908		00D9580018607	DIODE	DIODE(1N4002/1N4002TA,1A/100V)	414-DV300-5014
MOTOR	▲ FUSE901		90M-FS001350R	FUSE	FUSE(5A/125V)	422-8001-077
MOTOR	▲ FUSE902		90M-FS001350R	FUSE	FUSE(5A/125V)	422-8001-077
MOTOR	▲ FUSE903		90M-FS001360R	FUSE	CHIP FUSE(1A/63V)	422-120-063
MOTOR	▲ FUSE904		00D9410030001	FUSE	FUSE(2.5A/125V)	422-1300-051
MOTOR	▲ FUSE905		00D9410030001	FUSE	FUSE(2.5A/125V)	422-1300-051
MOTOR	GND		nsp	CORD	1P WIRE(L=100mm,AWM1617 AWG22,BLACK)	406-DD2250-526
MOTOR	IC101		00D9410021104	IC	IC(NJM2147D,DIP8)	417-DJ5500-579
MOTOR	IC102		00D9410021104	IC	IC(NJM2147D,DIP8)	417-DJ5500-579
MOTOR	IC104		00MHC10011090	IC	IC(NJM-4558M-TE3,8PIN,SMD)	417-PS2-577
MOTOR	IC105		00MHC10011090	IC	IC(NJM-4558M-TE3,8PIN,SMD)	417-PS2-577
MOTOR	IC106		00D9410021502	IC	IC(TC4066BFN/BU4066BCF.SOP-14)	417-QMX2-190
MOTOR	IC301		00D9410021900	IC	IC(BD4745G/BD4745G-TR)	417-HDJ2000-503
MOTOR	IC302		00D9410021803	IC	IC(BA10393F/BA10393FE2,SOP-8)	417-DV330-197
MOTOR	IC303		00D9410021706	IC	IC(MAX003,FP-100B)	417-DJ5500-578
MOTOR	IC304		00D9410025003	IC	IC SOCKET(28PIN P=2.54mm)	404-HV3500K-613
MOTOR	IC304		90M-HS09CWX0R	U-PRO	IC(W27E512-12/W27C512-45,DIP-28,OTP	704-8001-6157
MOTOR	IC901		90M-HC300880R	IC	IC(BA05ST,TO-220FP)	417-8001-764
MOTOR	IC905		00D9410021308	IC	IC(NJM7815FA 3PIN)	417-DV330-216
MOTOR	IC906		00D9410021405	IC	IC(NJM7915FA)	417-RCC955A-291
MOTOR	J152		nsp	CORD	JUMPER(ø0.6mm,L=5mm,H=10mm)	406-2002-106
MOTOR	JR01		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR02		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR03		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR04		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR05		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR06		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR07		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR08		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR09		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR10		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR11		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR12		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR13		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR14		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	JR15		00D9410025320	CHIP RES.	CHIP(0 OHM,1/8W,1206,J,TP ,150V)	412-DJ3000-414
MOTOR	L301		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	L303		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	L304		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L305		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L306		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L307		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L308		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L309		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L310		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L311		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L312		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	L313		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L314		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L315		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L316		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L317		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L318		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L319		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L320		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L321		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240
MOTOR	L322		90M-FC900430R	FERRITE CORE	CHIP BEAD(SBK201209T-601Y-S)	415-1300-240

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION	
MOTOR	L323		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	L324		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	L325		00D9580016900	FERRITE CORE	BEAD CORE(86-019-A)	415-HV3500K-090
MOTOR	Q101		00D9580040400	TRS.	DIGITAL TRS.(DTC124TS OR 2SC4120)	416-1330-020
MOTOR	Q102		00D9580040808	TRS.	TRS.(DTA124TS/2SA1589/DTA124TSATP)	416-KE200S-024
MOTOR	Q105		00D9410023607	TRS.	TRS.(2SD1889,TO-220FP)	416-DJ5500-206
MOTOR	Q106		00D9410023500	TRS.	TRS.(2SB1340,TO-220FP)	416-DJ5500-205
MOTOR	Q107		00D9410023607	TRS.	TRS.(2SD1889,TO-220FP)	416-DJ5500-206
MOTOR	Q108		00D9410023500	TRS.	TRS.(2SB1340,TO-220FP)	416-DJ5500-205
MOTOR	Q301		00D9580040507	TRS.	TRS.(2SC1740R)	416-3113-007
MOTOR	R101		90M-NP000110R	CHIP RES.	CHIP(6.8K OHM,1/8W, 0805 ,J,TP,150V)	412-HDJ2650-102
MOTOR	R102		90M-NP000040R	CHIP RES.	CHIP(680 OHM,1/8W, 0805,J,TP 150V)	412-DV330-323
MOTOR	R103		90M-NP000050R	CHIP RES.	CHIP((560K OHM,1/8W,J,TP 0805,150V)	412-DJ5000-520
MOTOR	R104		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R105		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R106		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R107		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R108		90M-NP000110R	CHIP RES.	CHIP(6.8K OHM,1/8W, 0805 ,J,TP,150V)	412-HDJ2650-102
MOTOR	R109		90M-NP000040R	CHIP RES.	CHIP(680 OHM,1/8W, 0805,J,TP 150V)	412-DV330-323
MOTOR	R110		90M-NP000050R	CHIP RES.	CHIP((560K OHM,1/8W,J,TP 0805,150V)	412-DJ5000-520
MOTOR	R111		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R112		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R113		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R114		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R115		90M-NP000110R	CHIP RES.	CHIP(6.8K OHM,1/8W, 0805 ,J,TP,150V)	412-HDJ2650-102
MOTOR	R116		90M-NP000040R	CHIP RES.	CHIP(680 OHM,1/8W, 0805,J,TP 150V)	412-DV330-323
MOTOR	R117		90M-NP000050R	CHIP RES.	CHIP((560K OHM,1/8W,J,TP 0805,150V)	412-DJ5000-520
MOTOR	R118		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R119		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R120		90M-NP000080R	CHIP RES.	CHIP(270 OHM 1/8W 0805 J TP 150V)	412-CDN88-014
MOTOR	R121		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R122		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R123		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R124		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R125		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R126		00D9410025317	CHIP RES.	CHIP(680K OHM,1/8W,0805,J,TP ,150V)	412-CDN88-024
MOTOR	R127		nsp	RES.	METAL FILM(18K OHM,1/6W,F,T-26)	412-8001-1057
MOTOR	R128		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R129		00D9410025317	CHIP RES.	CHIP(680K OHM,1/8W,0805,J,TP ,150V)	412-CDN88-024
MOTOR	R130		nsp	RES.	METAL FILM(18K OHM,1/6W,F,T-26)	412-8001-1057
MOTOR	R131		nsp	RES.	METAL FILM(22K OHM,1/6W,F,T-26)	412-5500-884
MOTOR	R132		nsp	RES.	METAL FILM(22K OHM,1/6W,F,T-26)	412-5500-884
MOTOR	R133		00D9410025375	CHIP RES.	CHIP(12K OHM,1/8W, 0805,J,TP,150V)	412-DV330-330
MOTOR	R134		00D9410024305	RES.	RESISTOR(4.7KB OHM,ø6,RH0615CS3J)	412-KC220-127
MOTOR	R135		00D9410025391	CHIP RES.	CHIP(2.7K OHM,1/8W, 0805,J,TP,150V)	412-QSPAND-496
MOTOR	R136		00D9410025304	CHIP RES.	CHIP(18K OHM 1/8W 0805 J TP 150V)	412-AMC110D-5057
MOTOR	R137		00D9410025304	CHIP RES.	CHIP(18K OHM 1/8W 0805 J TP 150V)	412-AMC110D-5057
MOTOR	R138		00D9410025304	CHIP RES.	CHIP(18K OHM 1/8W 0805 J TP 150V)	412-AMC110D-5057
MOTOR	R139		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R140		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R141		00D9410025362	CHIP RES.	CHIP(47K OHM,1/8W,0805,J,TP 150V)	412-DV330-321
MOTOR	R142		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R143		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R144		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R145		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R146		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R147		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R148		00D9410024101	RES.	METAL OXIDE FILM(1 OHM,1W,T-73)	412-DJ5500-661
MOTOR	R149		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R150		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R151		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R152		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R153		90M-NP000030R	CHIP RES.	CHIP(220 OHM,1/8W,0805,J,TP 150V)	412-DV330-333

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P.C.B. NAME	POS. NO.	VERS. COLOR	PART NO. (MZ)	PART NAME	DESCRIPTION	
MOTOR	R154		90M-NP000030R	CHIP RES.	CHIP(220 OHM,1/8W,0805,J,TP 150V)	412-DV330-333
MOTOR	R155		90M-NP000030R	CHIP RES.	CHIP(220 OHM,1/8W,0805,J,TP 150V)	412-DV330-333
MOTOR	R156		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R157		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R158		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R159		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R160		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R161		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R162		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R163		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R301		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R302		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R303		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R304		90M-NP000090R	CHIP RES.	CHIP(3.3K OHM,1/8W, 0805,J,TP,150V)	412-DV330-317
MOTOR	R305		90M-NP000070R	CHIP RES.	CHIP(1M OHM,1/8W, 0805,J,TP 150V)	412-DV330-308
MOTOR	R306		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R307		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R308		00D9410025362	CHIP RES.	CHIP(47K OHM,1/8W,0805,J,TP 150V)	412-DV330-321
MOTOR	R309		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R310		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R311		00D9410025359	CHIP RES.	CHIP(22K OHM,1/8W, 0805,J,TP 150V)	412-DV330-314
MOTOR	R312		90M-NP000090R	CHIP RES.	CHIP(3.3K OHM,1/8W, 0805,J,TP,150V)	412-DV330-317
MOTOR	R313		90M-NP000070R	CHIP RES.	CHIP(1M OHM,1/8W, 0805,J,TP 150V)	412-DV330-308
MOTOR	R314		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R315		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R316		00D9410025362	CHIP RES.	CHIP(47K OHM,1/8W,0805,J,TP 150V)	412-DV330-321
MOTOR	R319		90M-NP000100R	CHIP RES.	CHIP(4.7K OHM,1/8W,0805,J,TP 150V)	412-DV330-320
MOTOR	R320		90M-NP000030R	CHIP RES.	CHIP(220 OHM,1/8W,0805,J,TP 150V)	412-DV330-333
MOTOR	R321		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R322		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R323		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R324		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R325		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R326		90M-NP000100R	CHIP RES.	CHIP(4.7K OHM,1/8W,0805,J,TP 150V)	412-DV330-320
MOTOR	R327		90M-NP000100R	CHIP RES.	CHIP(4.7K OHM,1/8W,0805,J,TP 150V)	412-DV330-320
MOTOR	R328		90M-NP000100R	CHIP RES.	CHIP(4.7K OHM,1/8W,0805,J,TP 150V)	412-DV330-320
MOTOR	R329		90M-NP000060R	CHIP RES.	CHIP(100 OHM,1/8W,0805,J,TP 150V)	412-DV330-304
MOTOR	R330		90M-NP000070R	CHIP RES.	CHIP(1M OHM,1/8W, 0805,J,TP 150V)	412-DV330-308
MOTOR	R331		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R332		00D9410025333	CHIP RES.	CHIP(1K OHM,1/8W, 0805,J,TP 150V)	412-DV330-305
MOTOR	R333		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R334		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R335		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R336		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R337		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R338		00D9410025346	CHIP RES.	CHIP(10K OHM,1/8W,0805,J,TP 150V)	412-DV330-306
MOTOR	R901		nsp	RES.	CARBON FILM(150K OHM,1/6W,J,T-26)	412-3113-046
MOTOR	R902		00D2412401952	RES.	CARBON FILM((18K OHM,1/6W,J,T-26)	412-3113-061
MOTOR	SW901		90M-SP001360R	SW	POWER SW	403-8001-263
MOTOR	X301		00D9580074803	X'TAL	CITIZEN BRAND(CSA-309,16MHz)	427-CDN88-072
				SENSOR PWB ASSY		
SENSOR	IC103		90M-HW100770R	PHOTO UNIT	IC(HEDS-9700#F51)	417-PS2-504

NOTE : "nsp" PART IS LISTED FOR REFERENCE ONLY, MARANTZ WILL NOT SUPPLY THESE PARTS.

marantz®

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ご相談受付時間

9:30 - 12:00 13:00 - 17:00

(土 日 祝日 当社休日を除く)

修理に関しましては 添付の「製品のご相談と修理・サービス窓口のご案内」をご覧ください。

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当社の最新情報をインターネット上でご覧下さい。

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