

DENON

For U.S.A. & Canada model

Ver. 1

SERVICE MANUAL

MODEL D-AJ03

PERSONAL AUDIO SYSTEM

注 意

サービスをおこなう前に、このサービスマニュアルを必ずお読みください。本機は、火災、感電、けがなどに対する安全性を確保するために、さまざまな配慮をおこなっており、また法的には「電気用品安全法」にもとづき、所定の許可を得て製造されております。従ってサービスをおこなう際は、これらの安全性が維持されるよう、このサービスマニュアルに記載されている注意事項を必ずお守りください。

- For purposes of improvement, specifications and design are subject to change without notice.

- 本機の仕様は性能改良のため、予告なく変更することがあります。
- 補修用性能部品の保有期間は、製造打切後 8年です。

- Please use this service manual with referring to the operating instructions without fail.

- 修理の際は、必ず取扱説明書を参照の上、作業を行ってください。

- Some illustrations using in this service manual are slightly different from the actual set.

- 本文中に使用しているイラストは、説明の都合上現物と多少異なる場合があります。

DENON, Ltd.

16-11, YUSHIMA 3-CHOME, BUNKYU-KU, TOKYO 113-0034 JAPAN

SAFETY PRECAUTIONS

The following check should be performed for the continued protection of the customer and service technician.

LEAKAGE CURRENT CHECK

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

LASER RADIATION

Do not stare into beam or view directly with optical instruments, class 3A laser product.

注意

サービス、点検時には次のことにご注意願います。

●注意事項をお守りください！

サービスのとき特に注意を必要とする個所については、キャビネット、部品、シャーシなどにラベルや捺印で、注意事項を表示しています。これらの注意書きおよび取扱説明書などの注意事項を必ずお守りください。

●感電に注意！

- (1) このセットは、交流電圧が印加されていますので、通電時に内部金属部に触れると感電することがあります。従って通電サービス時には、絶縁トランスの使用や手袋の着用、部品交換には、電源プラグを抜くなどして、感電にご注意ください。
- (2) 内部には、高電圧の部分がありますので、通電時の取扱には、十分ご注意ください。

●指定部品の使用！

セットの部品は難燃性や耐電圧など安全上の特性を持ったものとなっています。従って交換部品は、使用されていたものと同じ特性の部品を使用してください。特に配線図、部品表に△印で指定されている安全上重要な部品は必ず指定のものをご使用ください。

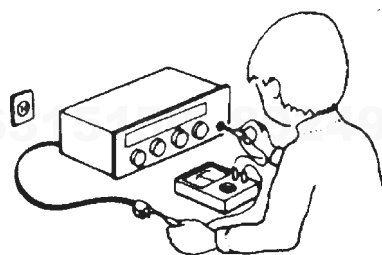
●部品の取付けや配線の引きまわしは、元どおりに！安全上、テープやチューブなどの絶縁材料を使用したり、プリント基板から浮かして取付けた部品があります。また内部配線は引きまわしやクランプによって発熱部品や高圧部品に接近しないように配慮されていますので、これらは必ず元どおりにしてください。

●サービス後は安全点検を！

サービスのために取り外したねじ、部品、配線などが元どおりになっているか、またサービスした個所の周辺を劣化させてしまったところがないかなどを点検し、外部金属端子部と、電源プラグの刃の間の絶縁チェックをおこなうなど、安全性が確保されていることを確認してください。

(絶縁チェックの方法)

電源コンセントから電源プラグを抜き、アンテナや、プラグなどを外し、電源スイッチを入れます。500V絶縁抵抗計を用いて、電源プラグのそれぞれの端子と、外部露出金属部〔アンテナ端子、ヘッドホン端子、マイク端子、入力端子など〕との間で、絶縁抵抗値が1MΩ以上であること、この値以下のときは、セットの点検修理が必要です。



注意 安全上重要な部品について

本機に使用している多くの電気部品、および機構部品は安全上、特別な特性を持っています。この特性はほとんどの場合、外観では判別つきにくく、また、もとの部品より高い定格（定格電力、耐圧）を持ったものを使用しても安全性が維持されるとは、限りません。安全上の特性を持った部品は、このサービスマニュアルの配線図、部品表につぎのように表示していますので、必ず指定されている部品番号のものを使用願います。

(1)配線図… △マークで表示しています。

(2)部品表… △マークで表示しています。

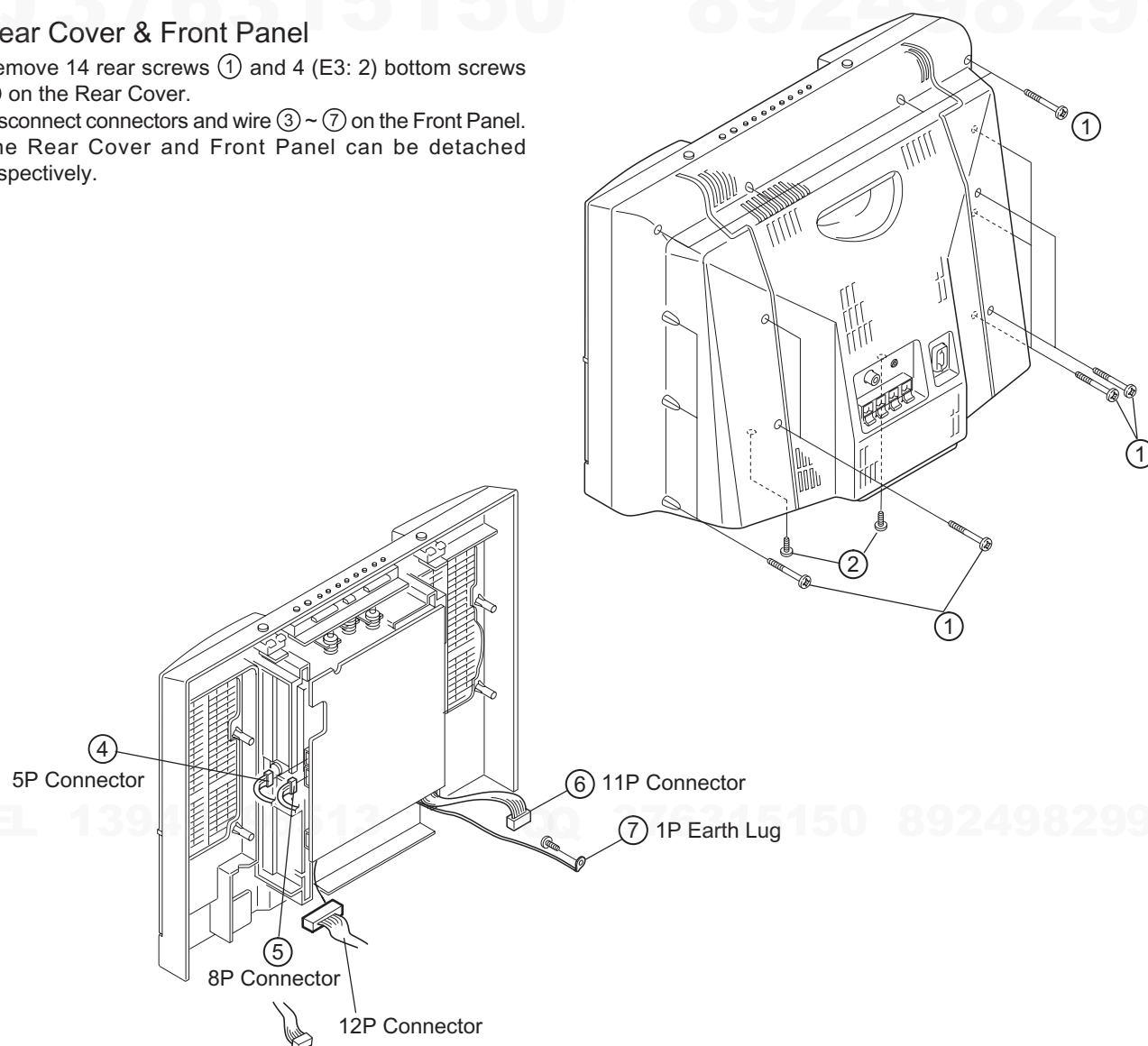
指定された部品と異なるものを使用した場合には、感電、火災などの危険を生じる恐れがあります。

DISASSEMBLY

(Follow the procedure below in reverse order when reassembling)

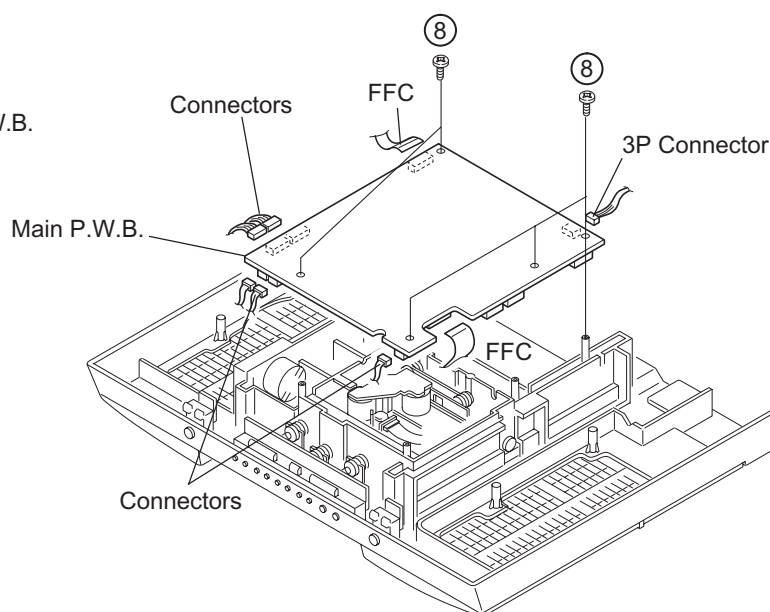
1. Rear Cover & Front Panel

- 1) Remove 14 rear screws ① and 4 (E3: 2) bottom screws ② on the Rear Cover.
- 2) Disconnect connectors and wire ③ ~ ⑦ on the Front Panel. The Rear Cover and Front Panel can be detached respectively.



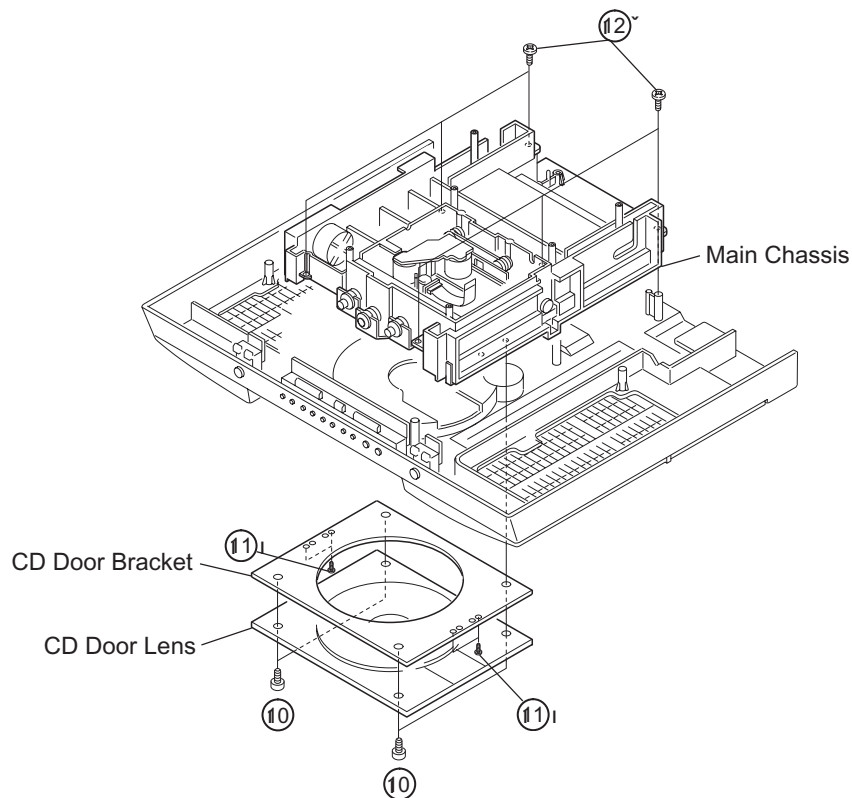
2. Main P.W.B.

- 1) Remove 5 screws ⑧.
- 2) Disconnect 2 FFCs, 8 connectors on the Main P.W.B.



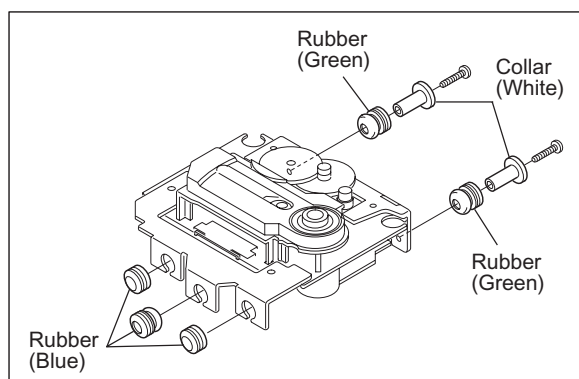
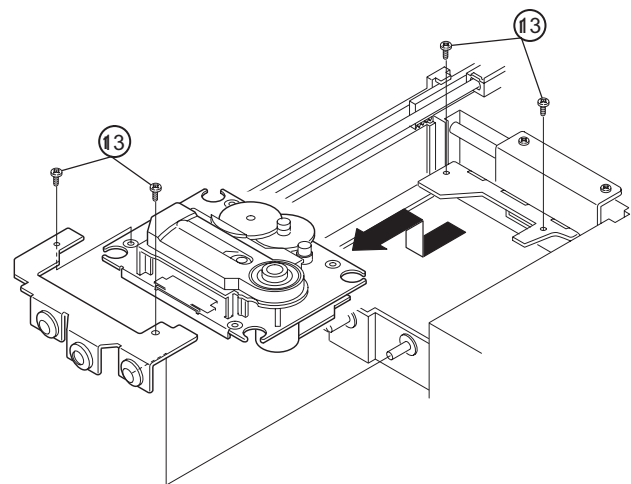
3. CD Mecha. Chassis

- 1) Remove 4 each screws ⑩ and ⑪ from the front side to detach the CD Door Lens and CD Door Bracket.
- 2) Remove 6 screws ⑫ and take off the Main Chassis.



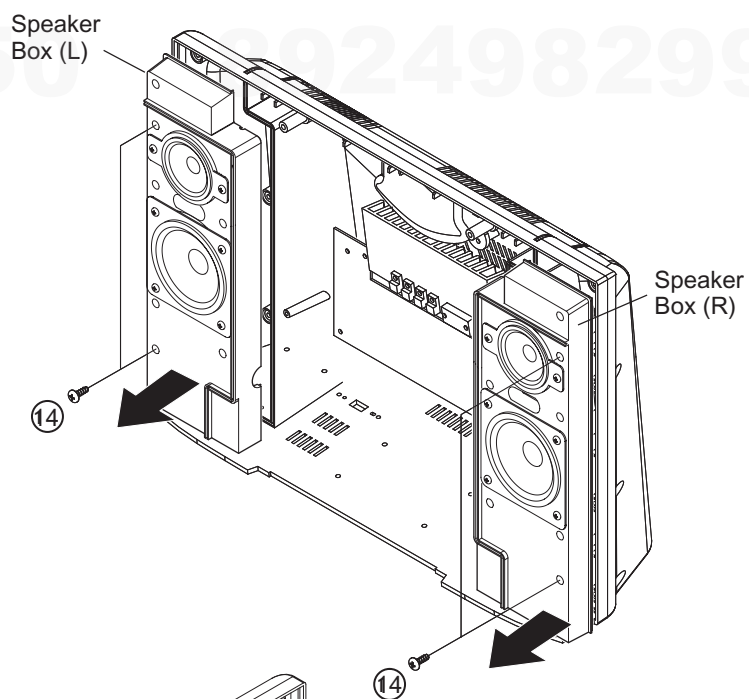
4. CD Mecha.

- 1) Remove 4 screws ⑬ fixing the Bracket.
- 2) Detach the CD Mecha. upward as shown to the arrow direction.



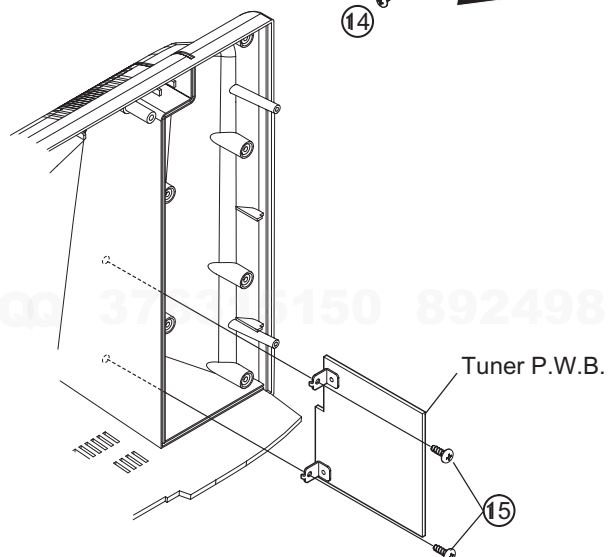
5. Speaker Box (L & R)

- 1) Remove 4 screws (14).
- 2) Disconnect 2 connectors.



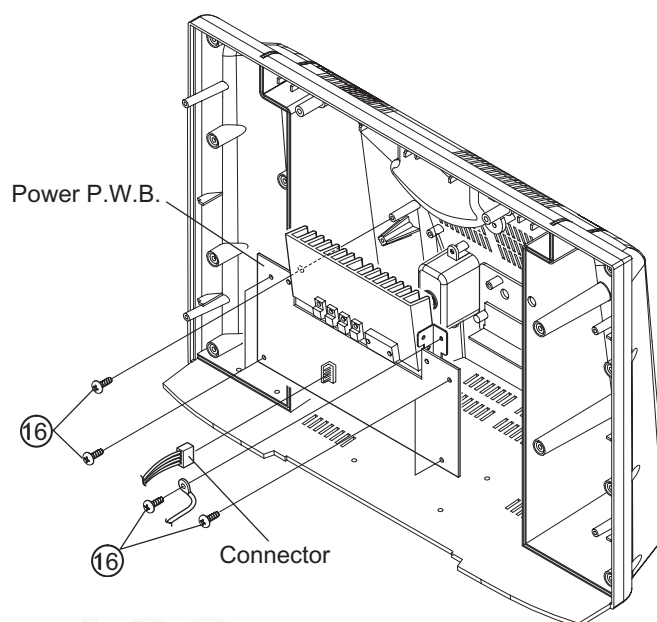
6. Tuner P.W.B.

- 1) Remove 2 screws (15).



7. Power P.W.B.

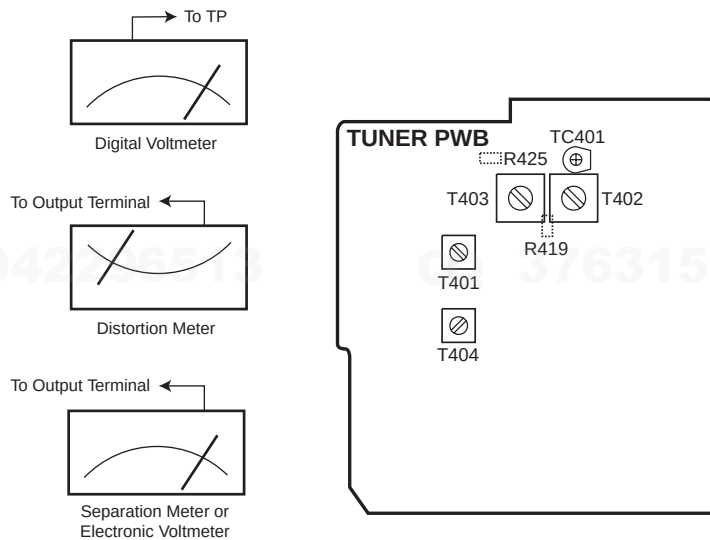
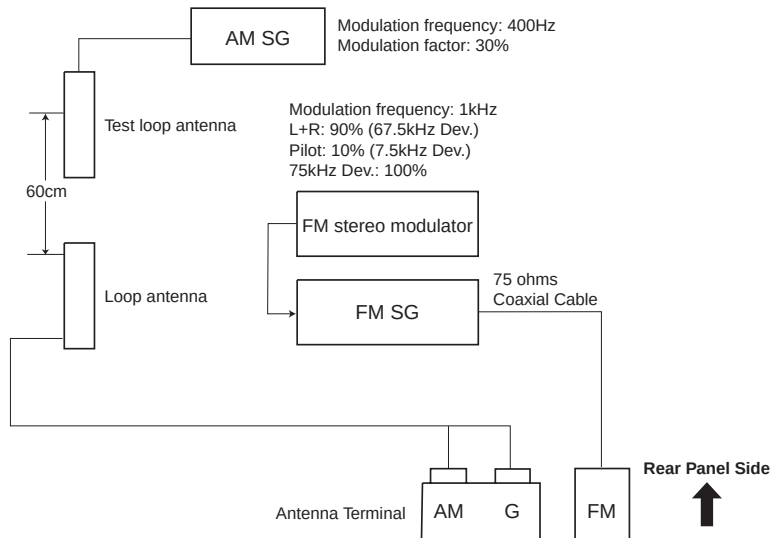
- 1) Remove 6 screws (16).
- 2) Disconnect 1 connector.



ADJUSTMENT

TUNER SECTION

Connections and adjustment point



FM ALIGNMENT (BAND BUTTON: FM, AUTO)

Step	Alignment Item	Tune-in Point (Channel Setting)	Input					Output		Align Part	Set Value	Remarks
			Measuring Equipment	Frequency	Level	Modulation	Connect to	Measuring Equipment	Connect to			
1	FM DC Balance	98 MHz	FM SG	98 MHz	60 dB	1 kHz 75 kHz dev	FM Ant Terminal	Digital Voltmeter	Both Leads of R425	T404	20mV	Align with Mono Modulation Signal

AM ALIGNMENT (BAND BUTTON: AM)

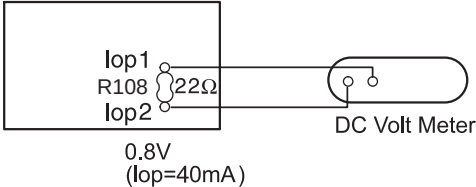
Step	Alignment Item	Tune-in Point (channel Setting)	Input					Output		Align Part	Set Value	Remarks
			Measuring Equipment	Frequency	Level	Modulation	Connect to	Measuring Equipment	Connect to			
1	Band Edge	E3:520 kHz						Digital Voltmeter	Both Leads of R419	T403	E3: 1.0±50mV	
		E3:1710 kHz									Approx. E3: (8.3±0.5V)	No Adjustment Required
2	IF	No Broadcast Area	AM SG	(900 kHz)	No AGC Effects	400 Hz 30%	Loop Ant	Electronic Voltmeter	LINE 1 Output Terminal	T401	Maximum Output	
3	Tracking	E3:600 kHz	AM SG	E3: 600 kHz	No AGC Effects	400 Hz 30%	Loop Ant	Electronic Voltmeter	LINE 1 Output Terminal	T402	Maximum Output	
4	Tracking	E3:1400 kHz	AM SG	E3: 1400 kHz	No AGC Effects	400 Hz 30%	Loop Ant	Electronic Voltmeter	LINE 1 Output Terminal	TC401	Maximum Output	
5	Repeat Steps 3 and 4, and set the output to maximum.											

CD SECTION

1. RF level Confieming

Connection		
CD Servo Micon PWB RF0 VREF Probe 10:1 Oscilloscope +		
Oscilloscope		Step
V	H	
50mV/div	0.2 s/div or 0.5 s/div	
• Set input mode to ALTERNATE or CHOPPER.		</

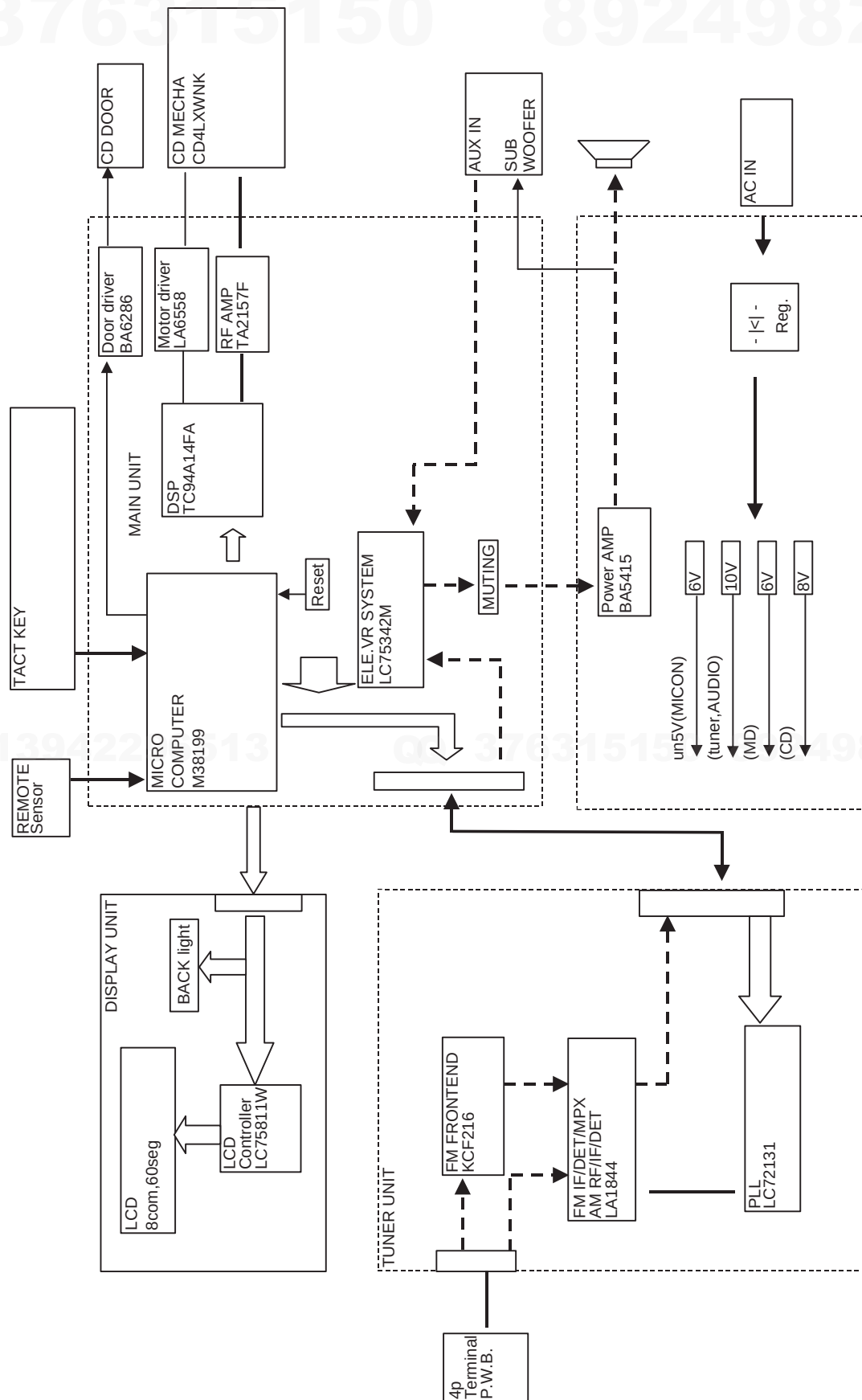
2. Pickup

Connection	Step
	- Press CD Play/Pause (▶/) button to make it playback state. - Measure lop.

- Since this CD system has the built-in automatic adjustment function, re-adjustment is not necessary when replacing the pickup.
Therefore, any combination of PWB and pickup can be made freely.
As the automatic adjustment is performed every time the disc is changed, each disc can be played in the most appropriate condition.

BLOCK DIAGRAM

BLOCK DIAGRAM



(There is no MD Section in the U.S.A. and Canada model)

TEST MODE

From power off state to TEST mode

To enter into the TEST mode, plug the AC cord to the wall outlet while pressing the CD PLAY (CD ►/||) button and TUNER button simultaneously.

The version information is displayed initially.

Thereafter press the SKIP UP/DOWN button to select the TEST mode and then press the CD STOP button to determine it. Press the DIRECT key during version display to obtain the designated TEST mode directly.

TEST MODE

No.	TEST MODE	DIRECT	DISPLAY
1	CD TEST	CD PLAY (CD ►/)	CD MENU
2	MD TEST	MD PLAY (MD ►/)	MD MENU
3	TUNER TEST	TUNER	TUN MENU
4	DISPLAY TEST	VOL DOWN	DISPLAY MENU

Cancelling the TEST Mode

In each TEST mode, press the POWER button to display COMPLETE for 1 second and then cancel the TEST mode. In the MD TEST mode, press the POWER button again.

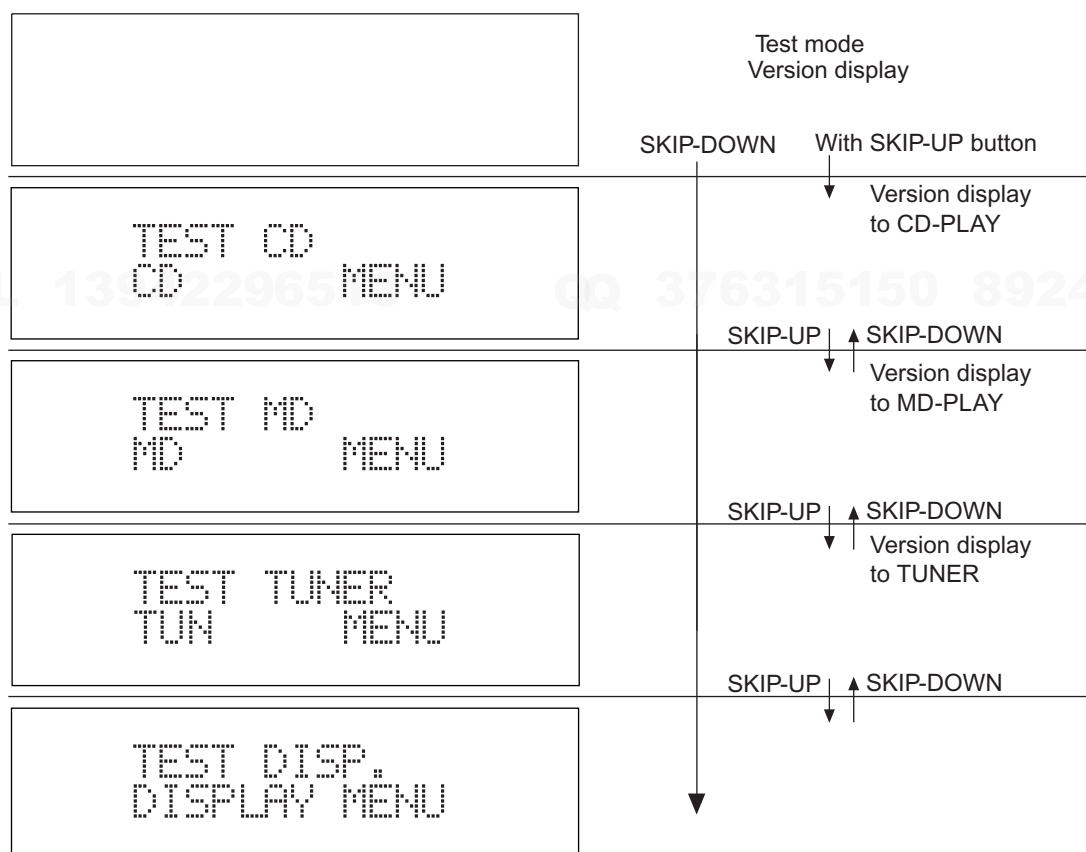


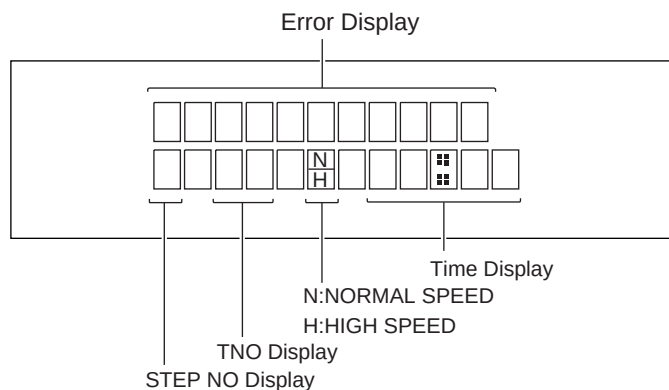
Fig.20 Test Mode Menu

1. CD test

Outline: Readout of the set value after automatic adjustment (for judging difference from initial value)
 Forced operation of pickup (Inner/Outer circumference feed)
 During the PLAY mode, the number of errors accumulated for 10 seconds (750 frames) is displayed.

Basic CD operation by CD-PLAY button

During the TEST mode, the display is turned on and the following buttons become effective.



Operation

1. CD-PLAY: CD operation according to steps
 - STEP 1: LD ON by pressing CD PLAY button in the stop mode
 - STEP 2: Focus On by pressing CD PLAY button in STEP 1
 - STEP 3: CLV servo ON by pressing CD PLAY button in STEP 2
 - STEP 4: Tracking servo ON by pressing CD PLAY button in STEP 3
 - STEP 5: Sub-code readout/display by pressing CD PLAY button in STEP 4
- * Keep pressing the CD PLAY button for more than 1 second to shift to STEP 5 directly.
2. CD STOP : To stop the playback operation (shifting from each step to the stop mode) / To reset display (during display of coefficient)
3. CD SKIP-UP (▶▶) : Forcible shift in the pickup FWD direction
4. CD SKIP-DOWN (◀◀) : Forcible shift in the pickup REV direction
Sliding is stopped when the PU_IN switch is turned on.
5. TUNER : Automatic adjustment (at the present pickup position)
6. POWER : Canceling the test mode
7. VOLUME UP/DOWN : To read the coefficient register while the CD operation is stopped/
To display the error number during CD playback
8. CD OPEN/CLOSE : Normal open/close operation

Readout of the adjusted value

Press the VOL.UP/DOWN button during the stop mode to read the following items.

Press the CD-STOP button to return to the normal display.

Item	Display	Max	Type	Min
Focus balance	__ F B : x x	7 F	0 0	8 0
Focus gain	__ F G : x x	1 F	0 0	E 0
Tracking balance	__ T B : x x	7 F	0 0	8 0
Tracking gain	__ T G : x x	1 F	0 0	E 0
Focus offset	F O F F : x x	7 F	0 0	8 0
Tracking offset	T O F F : x x	7 F	0 0	8 0
RFRP	R F R P : x x	7 F	0 0	8 0

Even if the CD-PLAY button is pressed initially, automatic adjustment is not obtained. Press the TUNER button in the stop mode to gain CD-PLAY for automatic adjustment. Thereafter press the CD-STOP button to stop automatic adjustment.

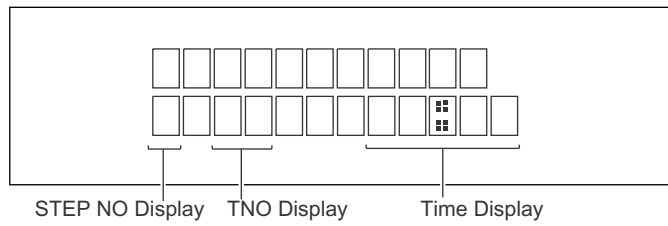
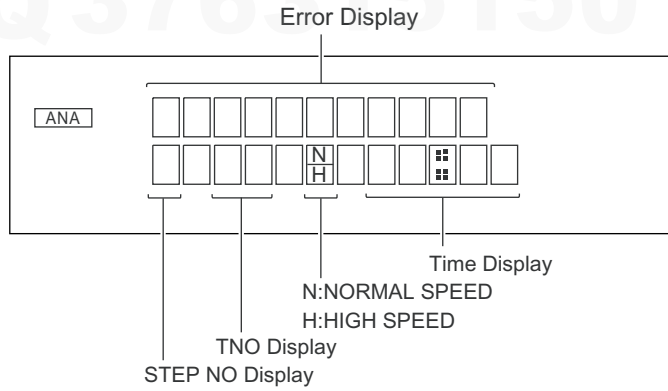
Press the VOL. UP/DOWN button to display automatically adjusted values.

Readout of error numbers

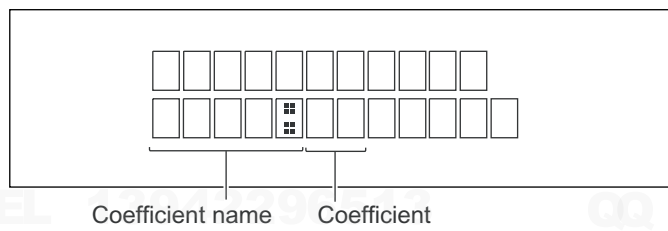
Press the VOL.UP/DOWN button during playback to display the number of errors accumulated for 10 seconds (750 frames).

Press the CD-STOP button during ERR display to return to the normal TEST mode display.

CD TEST



- 1.STEP NO. : 0 when stopped
- 2.Time display: Blank from the stop mode to STEP 4



Readout of coefficient

TROUBLESHOOTING OF CD

CD SECTION

When the CD does not function

When the CD section does not operate when the objective lens of the optical pickup is dirty, this section may not operate. Clean the objective lens, and check the playback operation. When this section does not operate even after the above step is taken, check the following items.

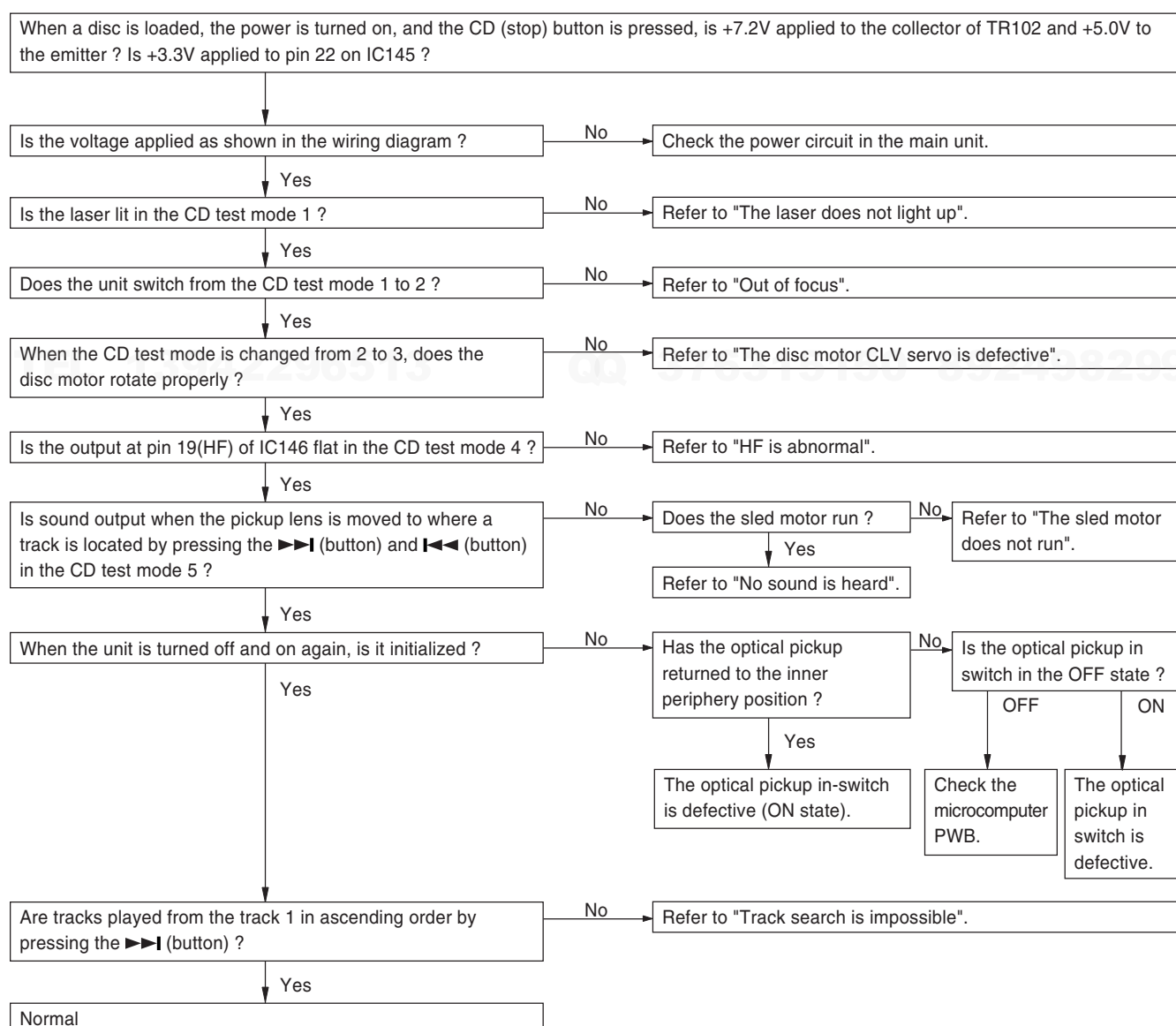
Remove the cabinet and follow the trouble shooting instructions.

"Track skipping and/or no TOC (Table of Contents) may be caused by build up of dust other foreign matter on the laser pickup lens. Before attempting any adjustment make certain that the lens is clean. If not, clean it as mentioned below."

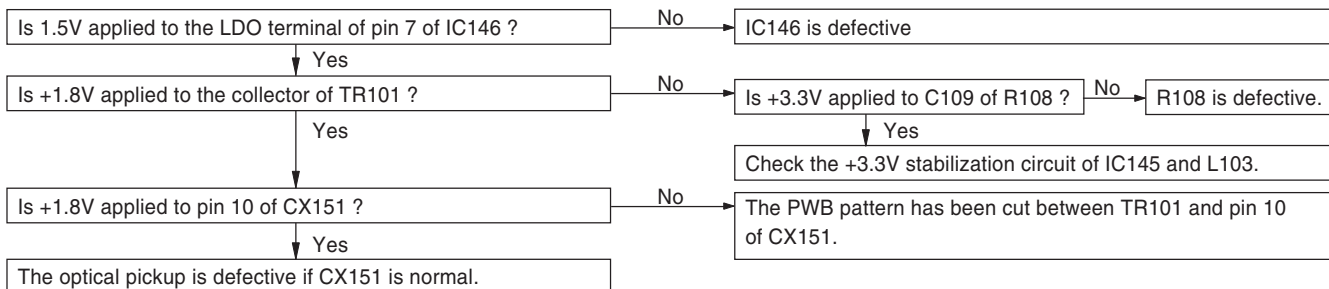
Turn off the power, and wipe the lens softly using a cleaning paper moistened with commercially available cleaning solution so as not to damage it.

Be careful not to touch the lens with bare hands.

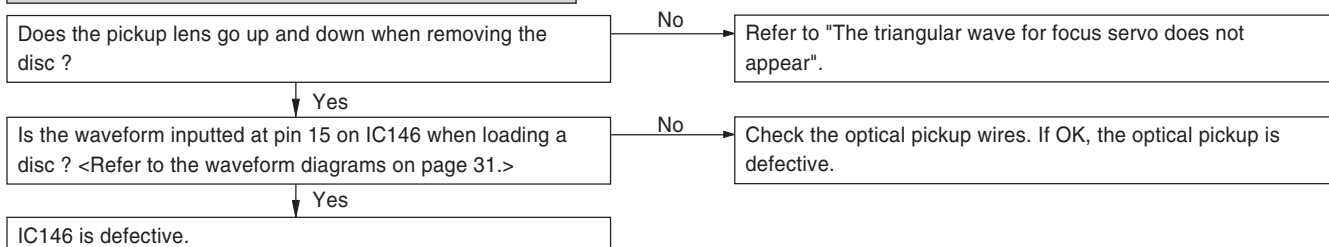
Dust gradually accumulates on the objective lens during use, and it may degrade performance. To avoid this problem, use a cleaning disc designed for CD optical pickup lenses.



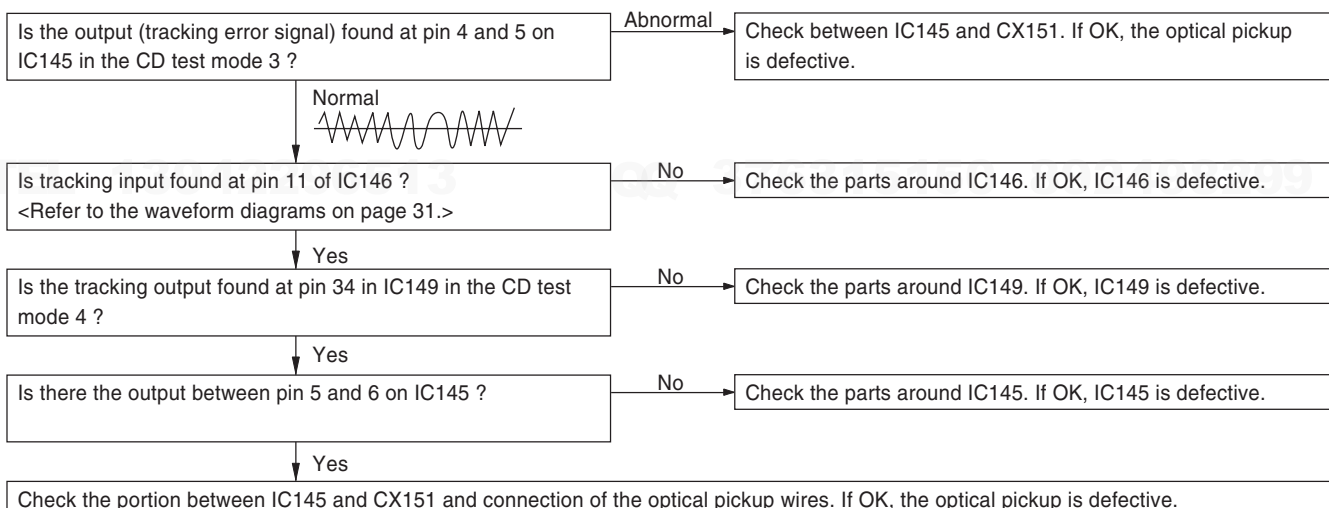
The laser does not light up



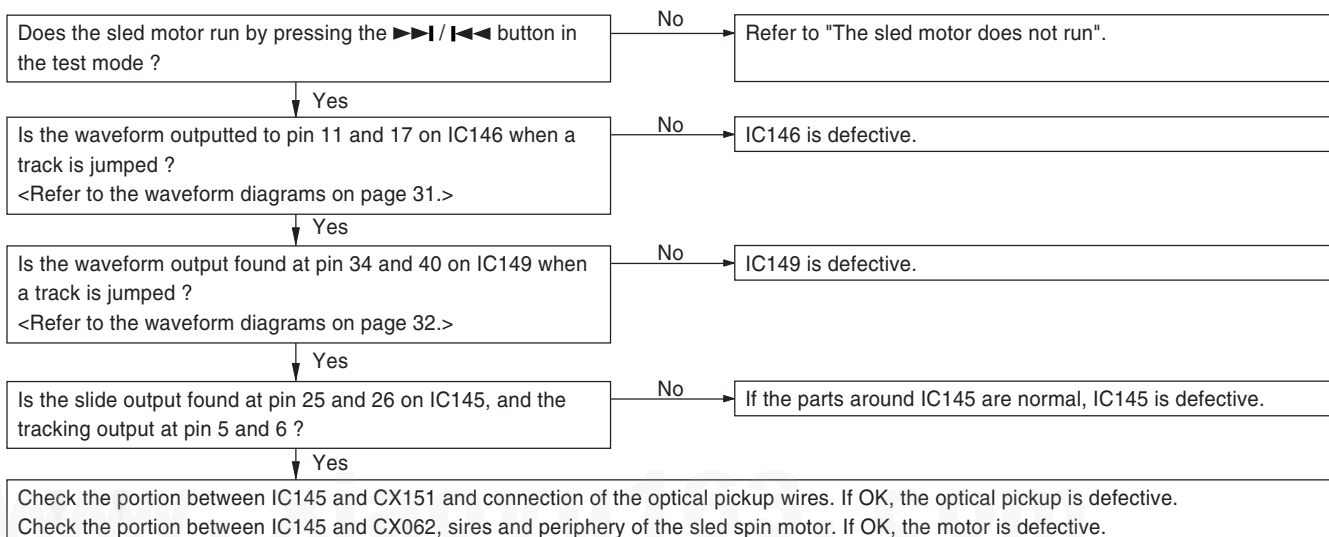
Out of focus



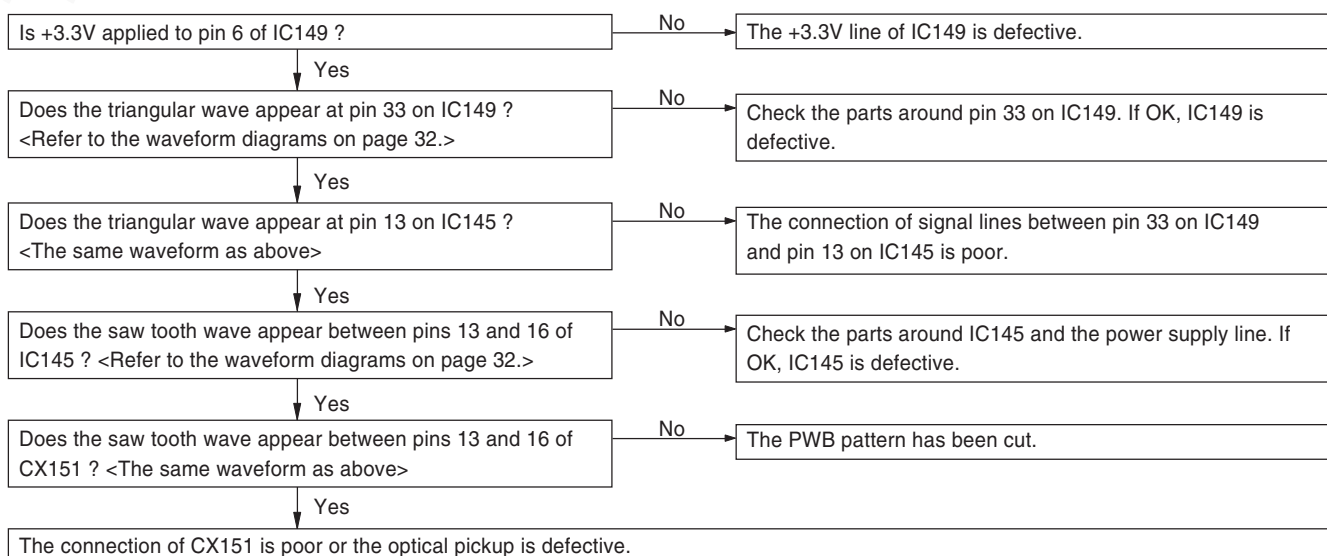
HF is abnormal



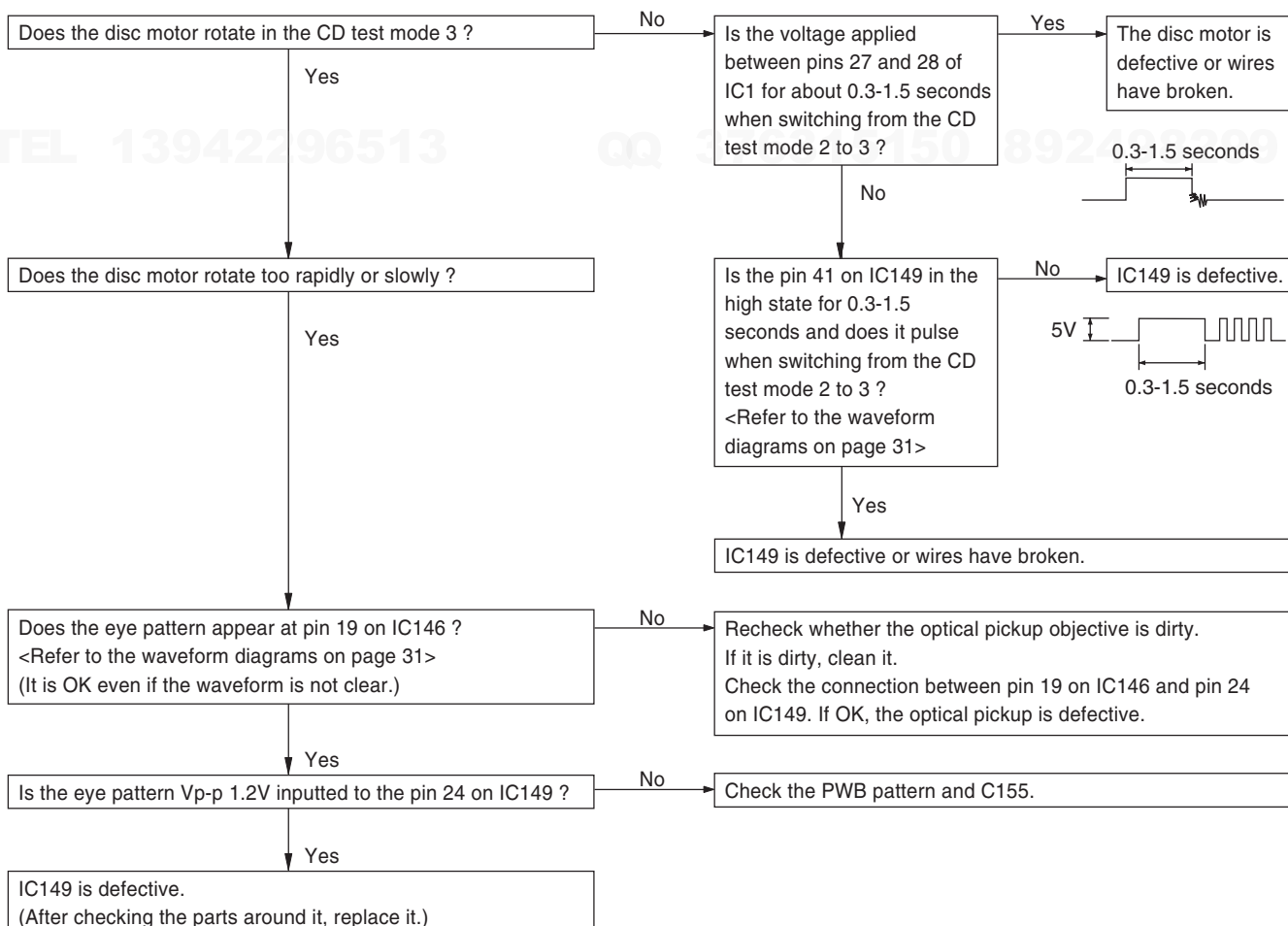
Track search is impossible



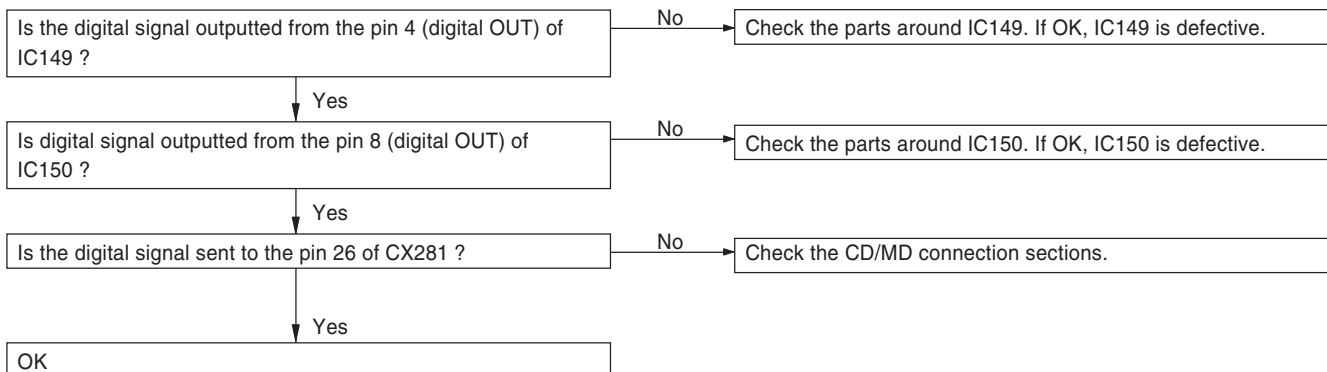
The triangular wave for focus servo does not appears



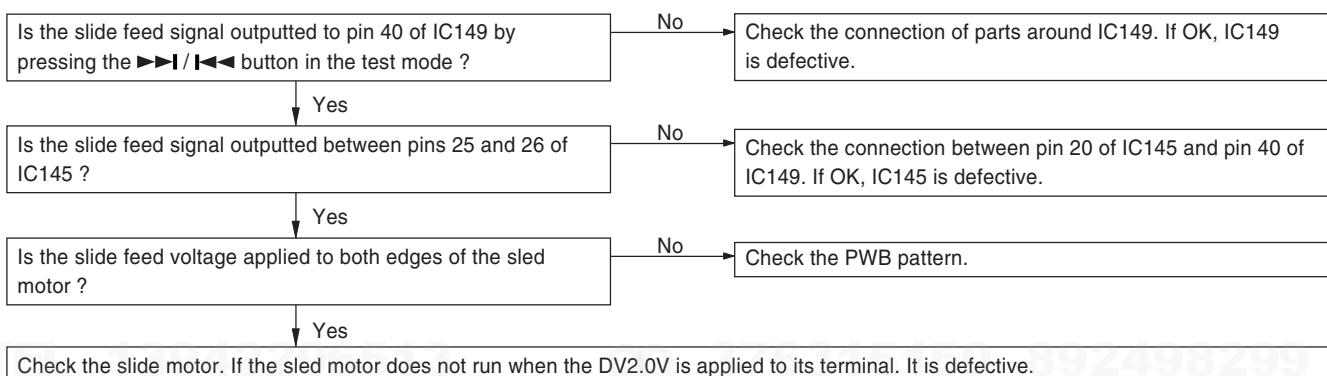
This disc motor CLV servo is defective



No sound is heard

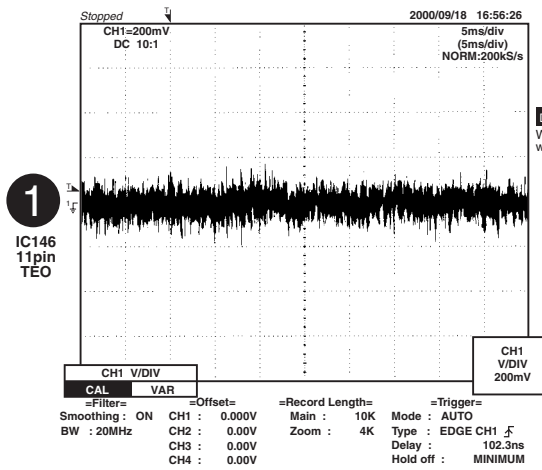


The slide motor does not run

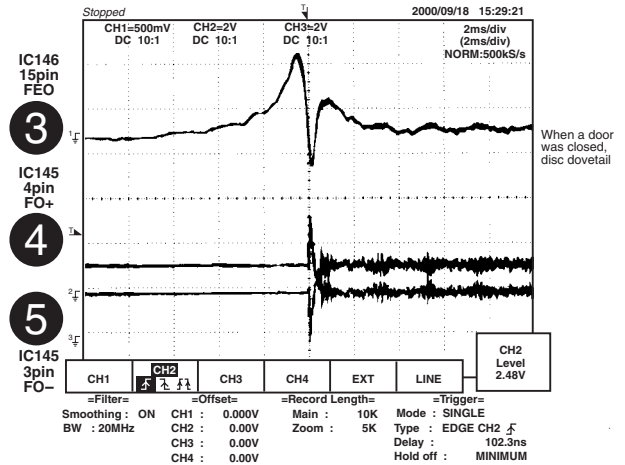


WAVEFORMS OF CD CIRCUIT

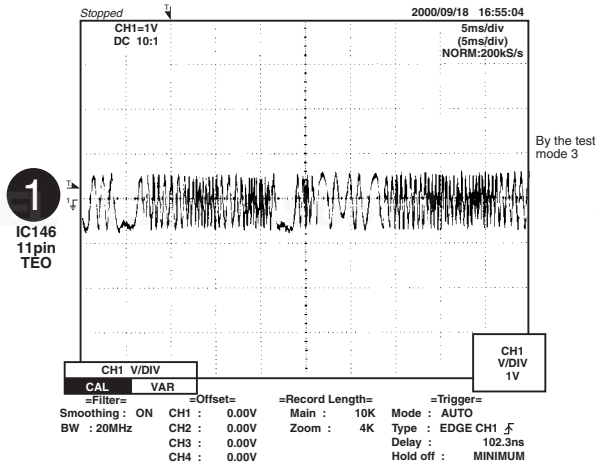
Tracking error



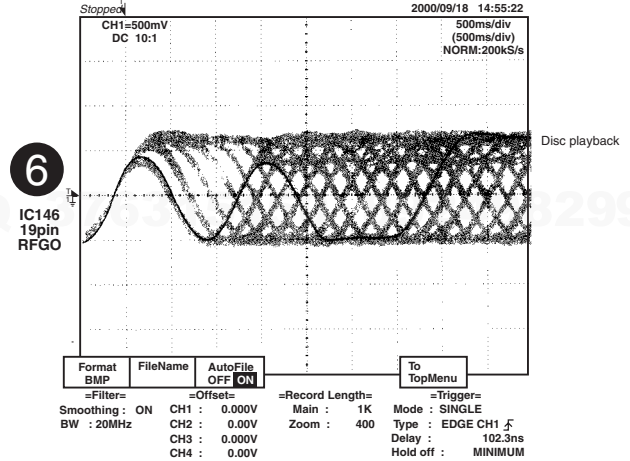
Foucus servo on



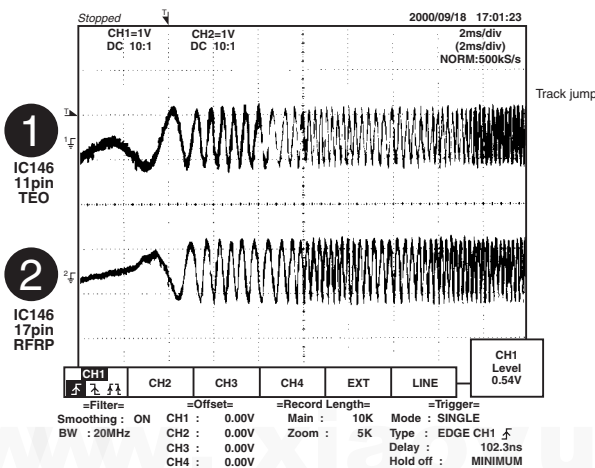
Tracking



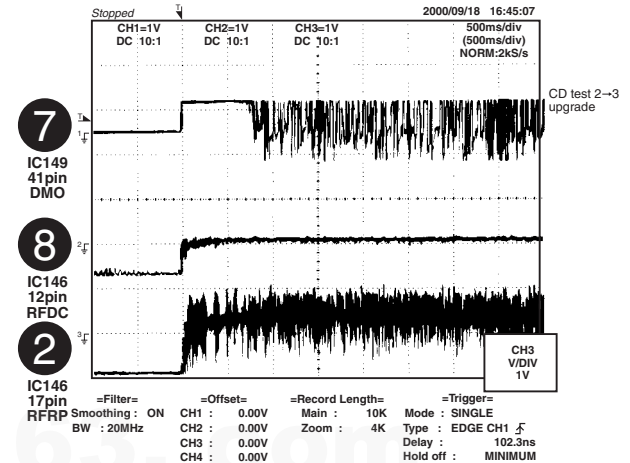
RF



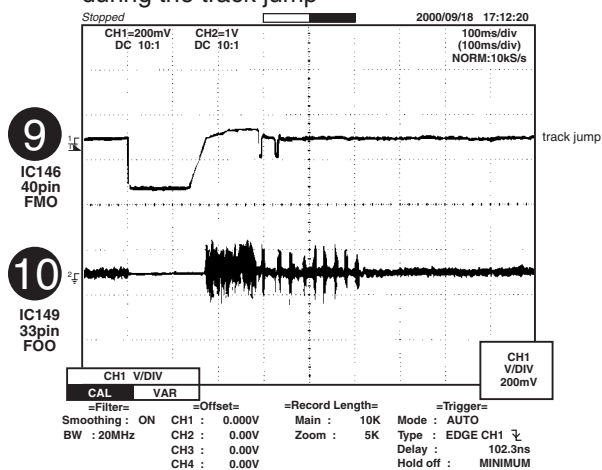
During the tracking jump TEO, RFRP



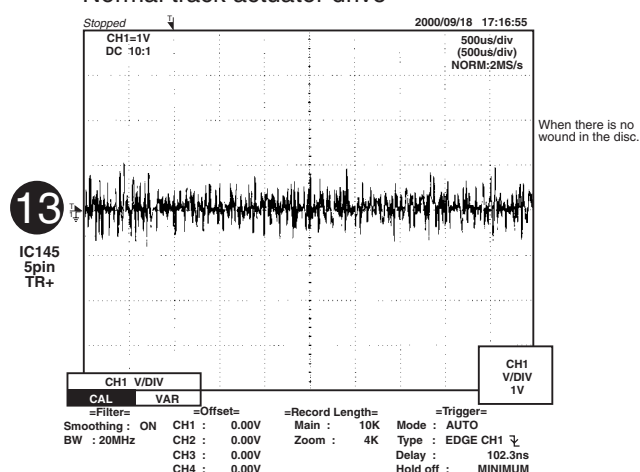
Disc motor and CD related signal



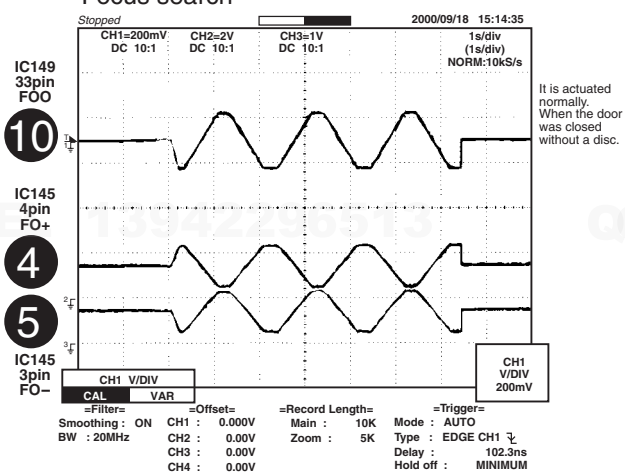
Feed motor and tracking output during the track jump



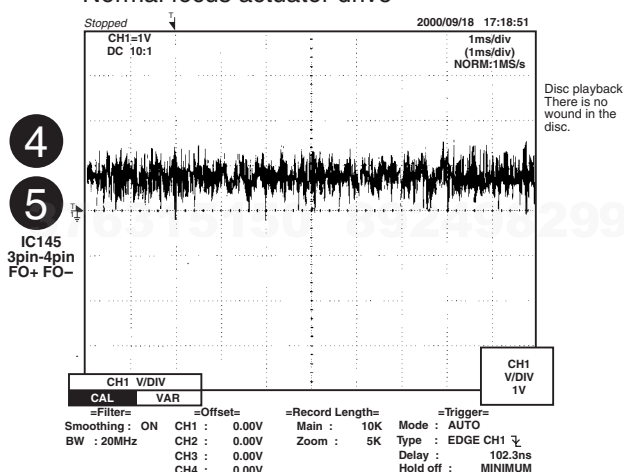
Normal track actuator drive



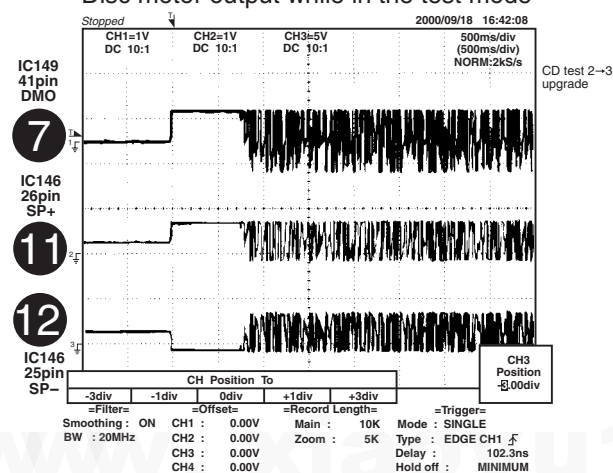
Focus search



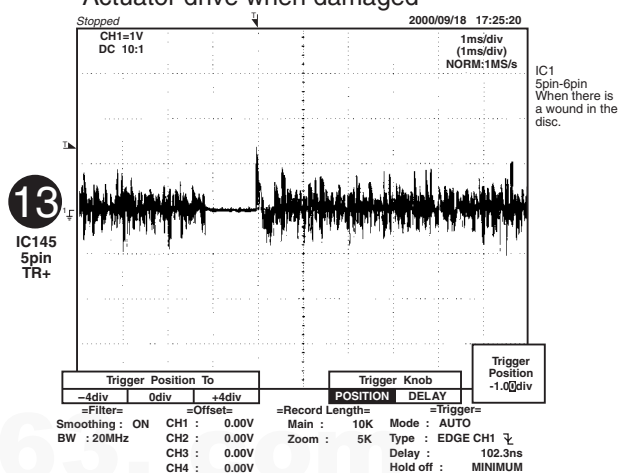
Normal focus actuator drive



Disc motor output while in the test mode

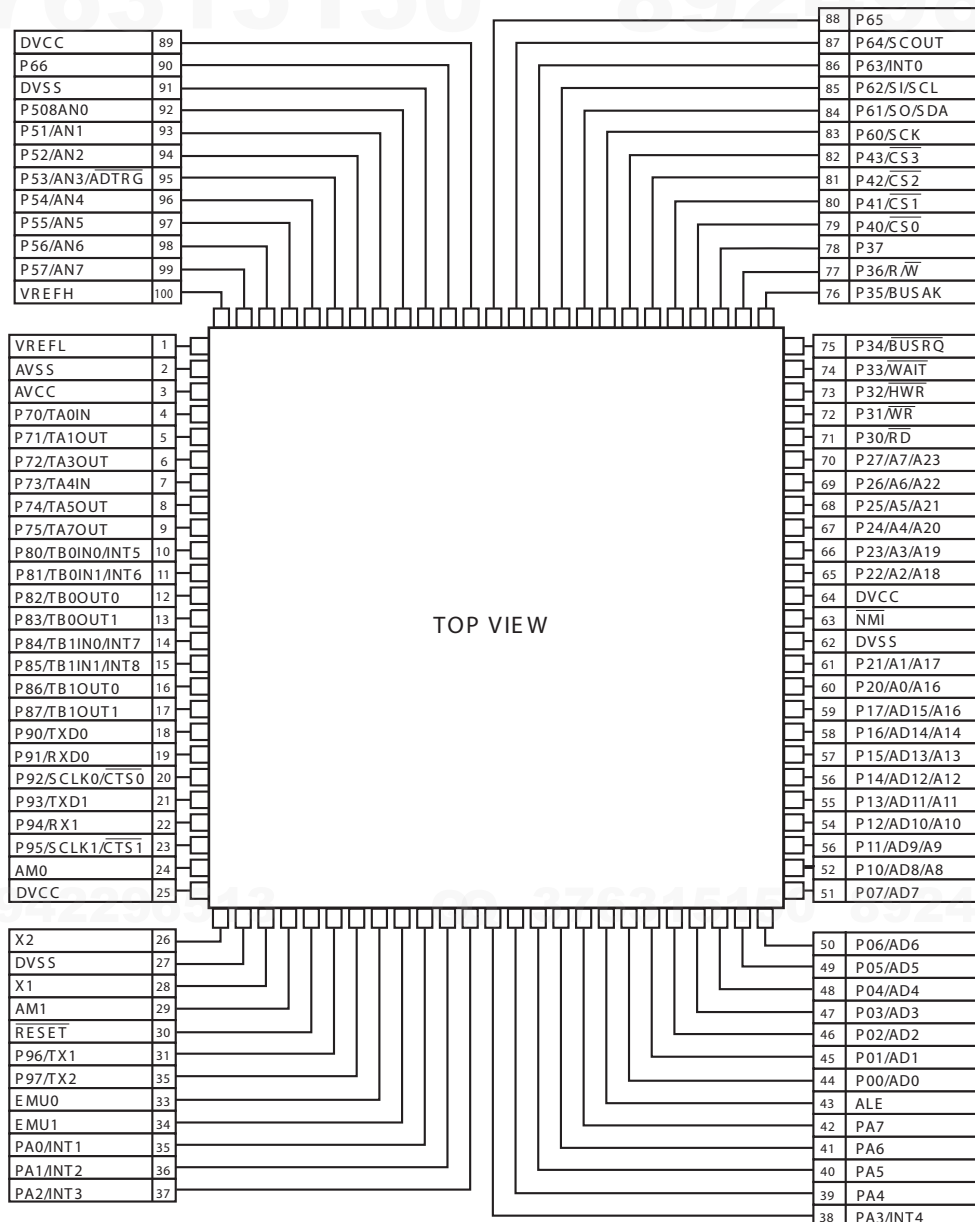


Actuator drive when damaged



IC'S

TMP91CY22 (IC600)



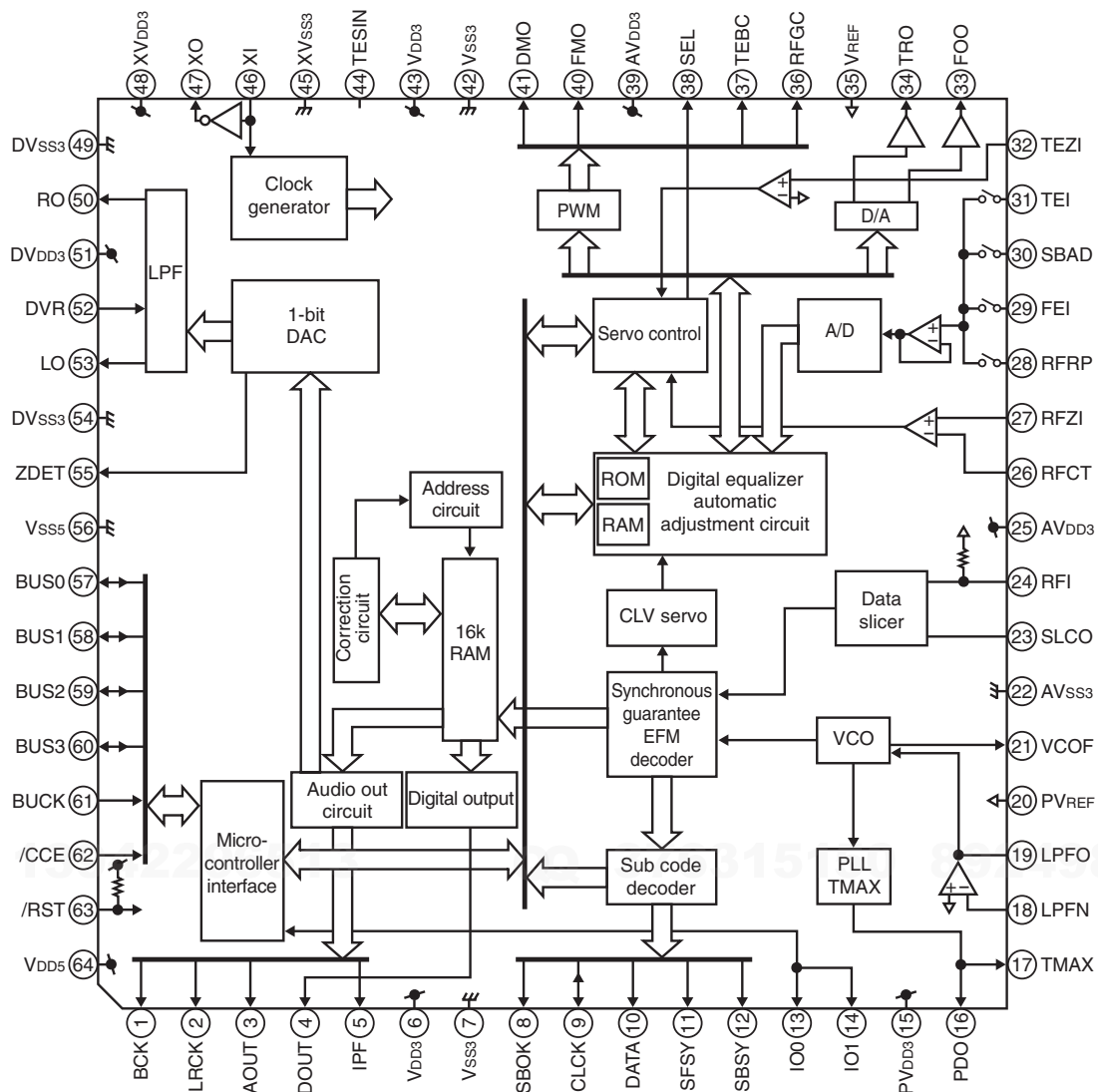
TMP91CY22 Terminal Function

P.No	Symbol	Port Name	Port	Function	Voltage (V)
1	VREFL	VREF L	I	GND	0V
2	Avss	AVSS	I	GND	0V
3	Avcc	AVCC	I	3.3V	3.0V
4	P70/TAO IN	CD_PU_IN	I	CD PU inner most detect, L: Inner most	0V
5	P71/TA1 OUT	DR_OP_IN	I	CD DOOR open switch detect, L: OPEN	0V
6	P72/TA3 OUT	DR_CL_IN	I	CD DOOR close switch detect, L: CLOSE	0V
7	P73/TA4 IN	-	O	P.D	0V
8	P74/TA5 OUT	DR_M-	O	Door MOTOR control, at CLOSE H PULSE	0V
9	P75/TA7 OUT	DR_M+	O	Door MOTOR control, at OPEN H PULSE	0V
10	P80/TB01N0/INT5	REMO_IN	I	P.U Remote input	3.0V
11	P81/TB01N1/INT6	P.DOWN	I	P.U Vref power control, H: Normal, L: P. down	3.0V
12	P82/TB0 OUT0	POWER	O	P.D Power ON/OFF, H: ON, L: STANDBY	3.0V
13	P83/TB0 OUT1	BL	O	P.D Backlight ON/OFF H:ON	3.0V
14	P84/TB1IN0/INT7	PCONT	I	MD Mech Power Abnormal detect L:Abnormal detect	3.0V
15	P85/TB1IN1/INT8	MD_RESET	O	MD RESET output L=RESET	3.0V

P.No	Symbol	Port Name	Port		Function	Voltage (V)
16	P86/TB1 OUT0	MD_ST	O		20ms H at CD music start	0V
17	P87/TB1 OUT1	MD_SEARCH	O		L: When CD play, H: Others	0V
18	P90/TXD0	MD_KDATA	O		MD KEY DATA	0V
19	P91/RXD0	MD_DATA	I		MD DATA input	0.8V
20	P92/SCLK0/CTS0	MD_D_SCK	O		MD CLOCK output	3.0V
21	P93/TXD1	-		P.D		0V
22	P94/RX1	-		P.D		0.4V
23	P95/SCLK1/CTS1	-	O	P.D		0.4V
24	AMO	AMO	I	P.U	3.3V P.U	3.0V
25	DVcc	DVCC	I		3.3V 3.0V	
26	X2	X2			16.000MHz	1.3V
27	DVss	DVSS	I		GND	0V
28	X1	X2			16.000MHz	1.3V
29	AM1	AM1	I	P.U	3.3V PU	3.0V
30	RESET	RESET	I	P.U	mcom reset input	3.0V
31	P96 XT1AiN)	-	O	P.D		0V
32	P97 XT2(N)	-	O	P.D		0V
33	EMU0	-			OPEN	-
34	EMU1	-			OPEN	-
35	PA0/INT1	SYS_STOP	I	P.U	BACK-UP defect L:BACK Up mode	3.0V
36	PA1/INT2	H/P SW	I	P.U	H/P detect SW, H:SP MUTE ON	0V
37	PA2/INT3	PROTECT	I	P.U	Abnormal detect, L: Abnormal	3.0V
38	PA3/INT4	MD_D_STB	I		MD strobe input	1.5V
39	PA4	-	O	P.D		0V
40	PA5	LCD_RS	O		LCD MODULE Register select	3.2V
41	PA6	LCD_R/W	O		LCD MODULE R/W signal	0.1V
42	PA7	LCD_E	O		LCD MODULE enable signal	0V
43	ALE	ALE	O		OPEN	-
44	P00/AD0	LCD_DB0	O		LCD MODULE control DATA 0	3.2V
45	P01/AD1	LCD_DB1	O		LCD MODULE control DATA 1	3.2V
46	P02/AD2	LCD_DB2	O		LCD MODULE control DATA 2	0.1V
47	P03/AD3	LCD_DB3	O		LCD MODULE control DATA 3	0.1V
48	P04/AD4	LCD_DB4	O		LCD MODULE control DATA 4	0.1V
49	P05/AD5	LCD_DB5	O		LCD MODULE control DATA 5	0.1V
50	P06/AD6	LCD_DB6	O		LCD MODULE control DATA 6	0.1V
51	P07/AP7	LCD_DV7	O		LCD MODULE control DATA 7	0.1V
52	P10/AD8/A8	CD_BUS0	I/O		CD I/F data in/output 0, L fixed when other than CD	3.2V
53	P11/AD9/A9	CD_BUS1	I/O		CD I/F data in/output 1, L fixed when other than CD	3.2V
54	P12/PD10/A10	CD_BUS2	I/O		CD I/F data in/output 2, L fixed when other than CD	3.2V
55	P13/AD11/A11	CD_BUS3	I/O		CD I/F data in/output 3, L fixed when other than CD	3.2V
56	P14/AD12/A12	CD_BUCK	O		CD I/F data in/output, L fixed when other than CD	3.0V
57	P15/AD13/A13	CD_CCE	O		CD I/F CCE output, L fixed when other than CD	3.1V
58	P16/AD14/A14	CD_RESET	O		CD RESET output	3.0V
59	P17/AD15/A15	CD_FUNC	O		CD power control, H: Other than CD	0V
60	P20/A0/A16	SP_MUTE	O	P.D	POWER AMP MUTE L:MUTE ON	3.1V
61	P21/A1/A17	SY_MUTE	O	P.D	PREAMP MUTE L:MUTE ON	3.0V
62	DVSS	DVSS	I		GND	0V
63	NMI	NMI	I		P.U fixed(3.3V)	3.1V
64	DVCC	DVCC	I		3.3V	3.1V
65	P22/A2/A18	GVSW	O		CD-DA/CD-RW switching SW L:CD-RW	3.1V
66	P23/A3/A19	-	I	P.D	EQ default setup L:FLAT H:ROCK	0V
67	P24/A4/A20	-	I	P.D	EQ gain setup H: Follow the Vol. L: Regulanty	0V
68	P25/A5/A21	-	O	P.D		0V
69	P26/A6/A22	-	O	P.D		0V
70	P27/A7/A23	-	O	P.D		0V

P.No	Symbol	Port Name	Port		Function	Voltage (V)
71	P30/RD	-	O	P.U		0
72	P31/WR	-	O	P.U		0
73	P32/HWR	OEM → V/H	I	P.D	CD SET UP L:vertical(F.B:Nonadjustment)	0
74	P33/WAIT	MODEL	I		MODEL Detector H:03xMD L:03xCD	3.0V
75	P34/BUSRQ	SDB_D I	I		SDB switching, L: 75342M use, H: 88pin L/H	0
76	P35/BUSAK	-	O	P.D		0
77	P36/R/W	-	O	P.D		0
78	P37/BOOT	-	O	P.U	TEST POINT	3.0V
79	P40/CS0	-	O	P.D		0
80	P41/CS1	-	O	P.D		0
81	P42/CS2	-	O	P.D		0
82	P43/CS3	-	O	P.D		0
83	P60/SCK	IC_CLK	O		Clock for external control IC	0
84	P61/S0/SDA	IC_DI	O		Data output for external control IC	0
85	P62/SI/SCL	IC_DO	I		Data input for external control IC	3.0V
86	P63/INT0	IC_CE	I		Chip enable for external control IC	0
87	P64/SCOUT	SYS_CLK	O		SYS.CLOCK OUT(OPEN)	1.4V
88	P65/	SDB_O	O		SDB switching, 75pin operate at H, H: ON	0
89	DVCC	DVCC	I		3.3v	3.0V
90	P66/	TU_MUTE	O		tuner MUTING terminal(H → L:MUTE)	3.0V
91	DVSS	DVSS	I		GND	3.0V
92	P50/AN0	KEY1	I		A/D KEY input 1	3.0V
93	P51/AN1	KEY2	I		A/D KEY input 2	3.0V
94	P52/AN2	KEY3	I		A/D KEY input 3	3.0V
95	P53/AN3/ADIRG	P.W.B_TEST	I	P.D	H: PWB check MODE, L: Normal	0
96	P54/AN4	SPAN	I		Frequency SPAN switch	0
97	P55/AN5	-	I	P.D		0
98	P56/AN6	TU_TU	I		TUNER TUNING DETECT(H → L:TUNING)	3.0V
99	P57/AN7	TU_ST	I		STEREO RECEIVE DETECT(H → L:STEREO RECEIVE)	3.0V
100	VREFH	VREFH	I		3.3V	3.0V

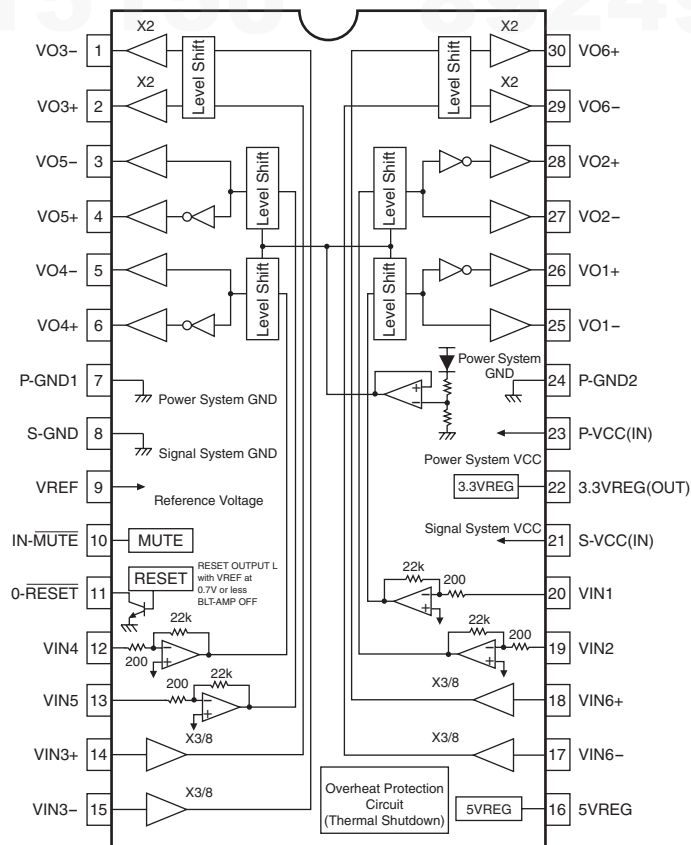
TC94A14FA (IC149)



TC94A14FA Terminal Function

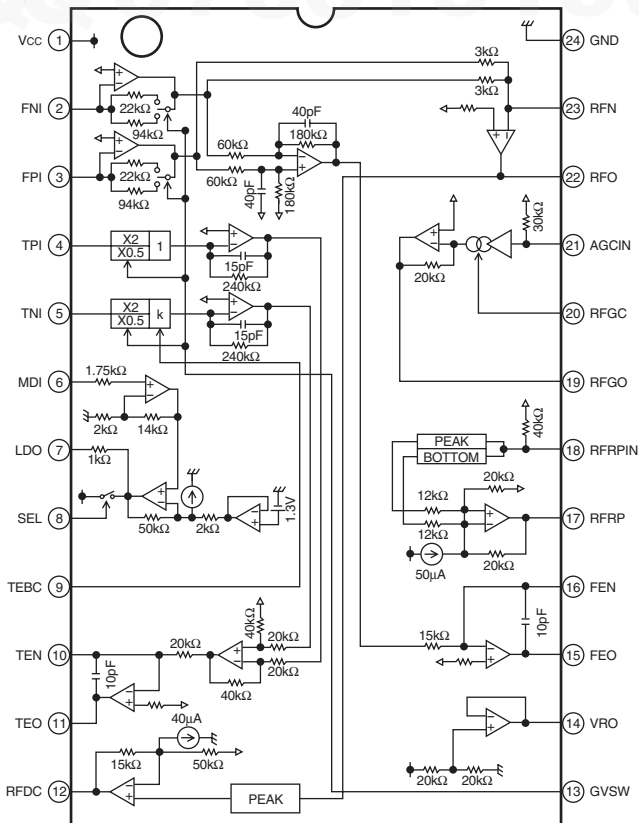
Pin No.	Symbol	I/O	Function
1	BCK	O	Bit clock output pin.
2	LRCK	O	L/R channel clock output pin.
3	AOUT	O	Audio data output pin.
4	DOUT	O	Digital data output pin.
5	IPF	O	Correction flag output pin.
6	VDD3	—	Digital 3.3V power supply voltage pin.
7	VSS3	—	Digital GND pin.
8	SBOK	O	Subcode Q data CRCC result output pin.
9	CLCK	I/O	Subcode P-W data read clock I/O pin.
10	DATA	O	Subcode P-W data output pin.
11	SFSY	O	Playback frame sync signal output pin.

Pin No.	Symbol	I/O	Function
12	SBSY	O	Subcode block sync signal output pin.
13	IO0	I/O	General-purpose input/output pins.
14	IO1		Input port at reset.
15	PVDD3	—	PLL-only 3.3V power supply voltage pin.
16	PDO	O	EFM and PLCK phase difference signal output pin.
17	TMAX	O	TMAX detection result output pin.
18	LPFN	I	Inverted input pin for PLL LPF amp.
19	LPFO	O	Out put pin for PLL LPF amp.
20	PVREF	—	PLL-only VREF pin.
21	VCOF	O	VCO filter pin.
22	AVSS3	—	Analog GND pin.
23	SLCO	O	DAC output pin for data slice level generation.
24	RFI	I	RF signal input pin.
25	AVDD3	—	Analog 3.3V power supply voltage pin.
26	RFCT	I	RFRP signal center level input pin.
27	RFZI	I	RFRP signal zero-cross input pin.
28	RFRP	I	RF ripple signal input pin.
29	FEI	I	Focus error signal input pin.
30	SBAD	I	Sub-beam adder signal input pin.
31	TEI	I	Tracking error input pin.
32	TEZI	I	Tracking error signal zero-cross input pin.
33	FOO	O	Focus equalizer output pin.
34	TRO	O	Tracking equalizer output pin.
35	VREF	—	Analog reference power supply voltage pin.
36	RFGC	O	RF amplitude adjustment control signal output pin.
37	TEBC	O	Tracking balane control signal output pin.
38	SEL	O	APC circuit ON/OFF signal output pin.
39	AVDD3	—	Analog 3.3V power supply voltage pin.
40	FMO	O	Feed equalizer output pin.
41	DMO	O	Disc equalizer output pin.
42	VSS3	—	Digital GND pin.
43	VDD3	—	Digital 3.3V power supply voltage pin.
44	TESIN	I	Test input pin. Normally, fixed to "L".
45	XVSS3	—	System clock oscillator GND pin.
46	XI	I	System clock oscillator input pin.
47	XO	O	System clock oscillator output pin.
48	XVDD3	—	System clock oscillator 3.3V power supply voltage pin.
49	DVSS3	—	DA converter GND pin.
50	RO	O	R-channel data forward output pin.
51	DVDD3	—	DA converter 3.3V power supply pin.
52	DVR	—	Reference voltage pin.
53	LO	O	L-channel data forward output pin.
54	DVSS3	—	DA converter GND pin.
55	ZDET	O	1 bit DA converter zero data detectin flag output pin.
56	VSS5	—	Microcontroller interface GND pin.
57	BUS0	I/O	Microcontroller interface data I/O pins.
58	BUS1		
59	BUS2		
60	BUS3		
61	BUCK	I	Microcontroller interface clock input pin.
62	/CCE	I	Microcontroller interface chip enable signal input pin.
63	/RST	I	Reset signal input pin. At reset, "L".
64	VDD5	—	Microcontroller interface 5V power supply pin.

LA6558 (IC145)

LA6558 Terminal Function

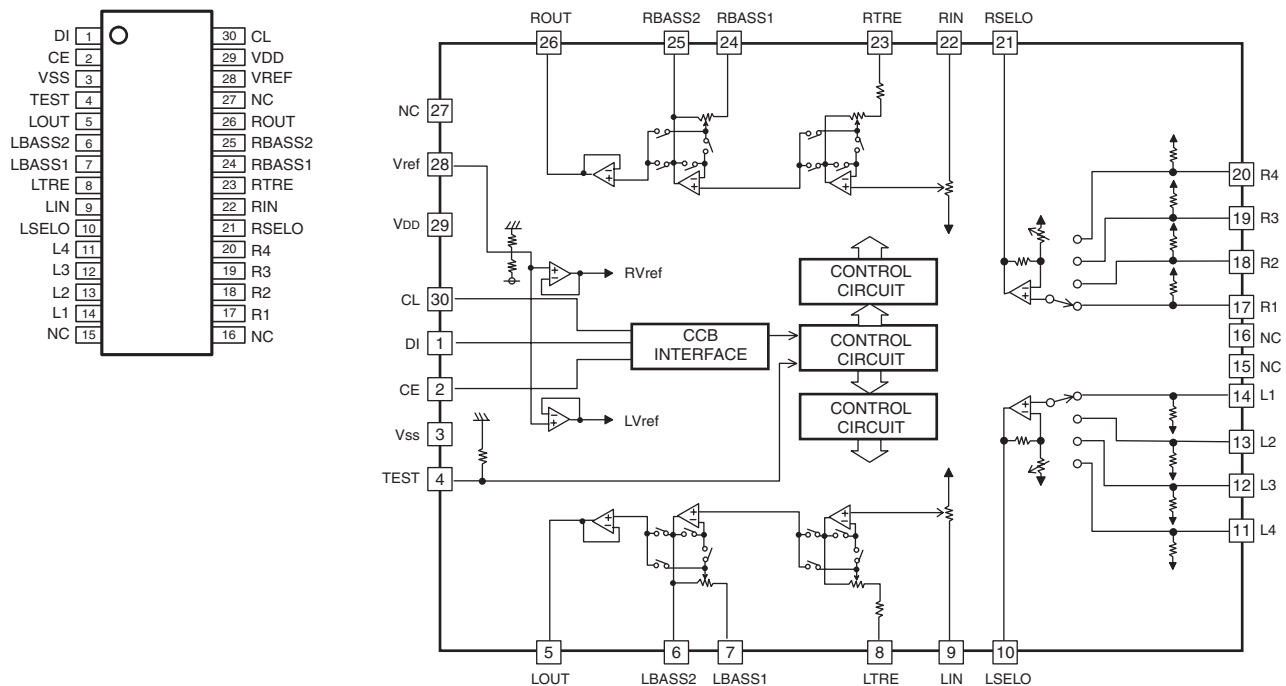
Pin No.	Pin Name	Description (functions)	Voltage (V)
1	VO3-	Output for CH3 (-)	4
2	VO3+	Output for CH3 (+)	4
3	VO5-	Output for CH5 (-), inverted relative to input	3.6
4	VO5+	Output for CH5 (+), not inverted relative to input	3.6
5	VO4-	Output for CH4 (-), inverted relative to input	3.6
6	VO4+	Output for CH4 (+), not inverted relative to input	3.6
7	P-GND1	Power system GND (CH3, 4, 5)	0
8	S-GND	Signal system GND	0
9	VREF	Reference voltage input pin	1.7
10	IN-MUTE	Output ON/OFF for BTL AMP (CH1, 2, 4, and 5) and 3.3V, 5 VREG. ([H]: Output ON, [L]: Output OFF)	5.36
11	O-RESET	Reset output (Open collector)	0
12	VIN4	Input for CH4	1.7
13	VIN5	Input for CH5	1.7
14	VIN3+	Input for CH3 (+)	0
15	VIN3-	Input for CH3 (-)	0
16	5VREC	5V Power output	5
17	VIN6-	Input for CH6 (-)	0
18	VIN6+	Input for CH6 (+)	0
19	VIN2	Input for CH2	1.7
20	VIN1	Input for CH1	1.7
21	S-VCC	Signal system VCC	8
22	3.3REC	3.3 Power output	3.3
23	P-VCC	Power system supply	8
24	P-GND2	Power system GND (CH1, 2, 6)	0
25	VO1-	Output for CH1 (-), inverted relative to input	3.6
26	VO1+	Output for CH1 (+), not inverted relative to input	3.6
27	VO2-	Output for CH2 (-), inverted relative to input	3.6
28	VO2+	Output for CH2 (+), not inverted relative to input	3.6
29	VO6-	Out put for CH6 (-)	4
30	VO6+	Out put for CH6 (+)	4

TA2157F Terminal Function

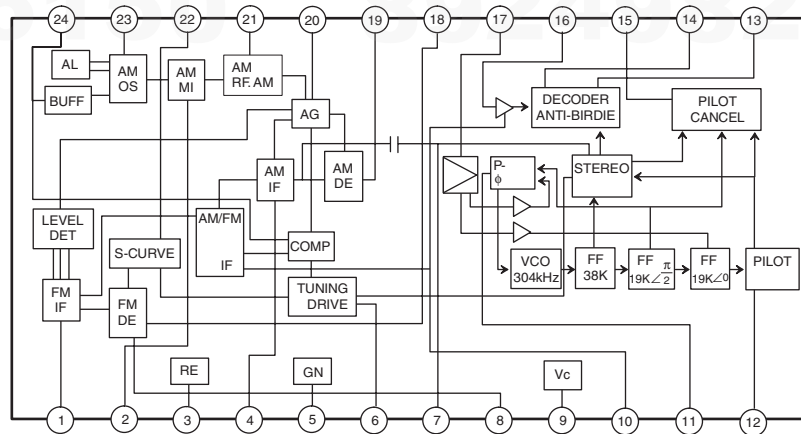
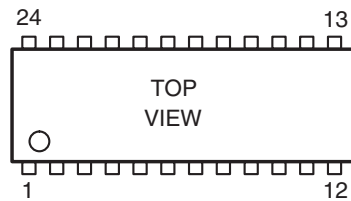


Pin No.	Symbol	I/O	Description	Voltage (V)
1	Vcc	—	3.3 power pin	3.3
2	FNI	I	Main beam amp input	1.65
3	FPI	I	Main beam amp input	1.65
4	TPI	I	Sub beam amp input	1.65
5	TNI	I	Sub beam amp input	1.65
6	MDI	I	Monitor photo diode amp input	0
7	LDO	O	Laser diode amp output	2.67
8	SEL	I	APC on/off sig., LDO pin cont. input and bottom/peak detect f switching	1.65 0
9	TEBC	I	Tracking error bal. sig. input	1.75
10	TEN	I	Tracking error sig. gen. amp (-) input	1.65
11	TEO	O	Tracking error sig. gen. amp output	1.65
12	RFDC	O	RF sig. peak detection output	1.5
13	GVSW	I	AGC, FE, TE amp gain switching	2.1
14	VRO	O	Ref. V (VRO) output	1.65
15	FEO	O	Focus error sig. gen. amp output	1.65
16	FEN	I	Focus error sig. gen. amp (-) input	1.65
17	RFRP	O	Tracking count sig. gen. amp output	0.75
18	RFRPIN	I	Tracking count sig. gen. amp input	1.65
19	RFGO	O	RF sig. amplitude adj. amp output	1.23
20	RFGC	I	RF amplitude adj. cont. sig. input	1.62
21	AGCIN	I	RF sig. amplitude adj. amp input	2.39
22	RFO	O	RF sig. gen. amp output	1.1
23	RFN	I	RF sig. gen. amp input	1.65
24	GND	—	GND pin	0

LC75342M (IC315)



LA1844 (IC402)

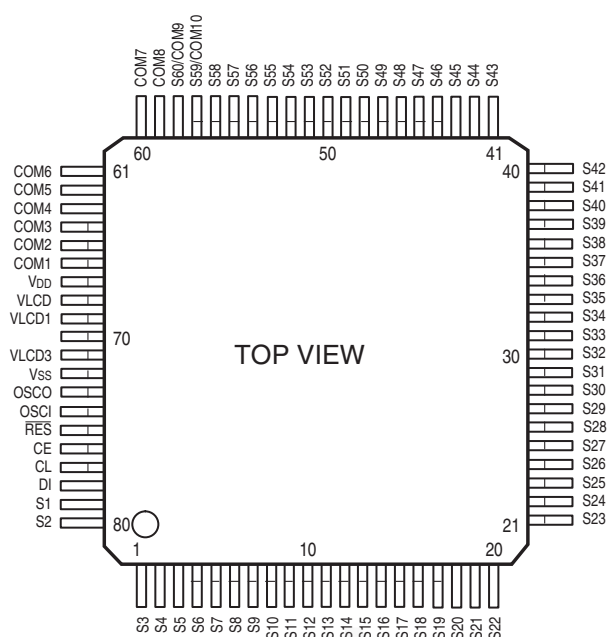


● LA1844 Terminal Function

Pin No.	Function	Voltage (V)
1	FM IF input	2.34
2	AM MIX output	5.14
3	REG	2.33
4	AM IF input	2.32
5	GND	0
6	Tu-LED	—
7	ST-LED, IF-out for AM stereo	—
8	FM-DET	—
9	Vcc	5.15
10	AM/FM IF count out, control SW, mute SW	0
11	Phase comparator filter, FM/AM switch	4.06 (1.56)
12	Pilot detector filter, forcible mono, Vcc stop	4.14 (2.60)

Pin No.	Function	Voltage (V)
13	L output	3.17
14	R output	3.17
15	Pilot cancel output	2.27
16	Decoder input	2.33
17	PLL input	2.08
18	FM demodulator output	2.83
19	AM detector output	(1.6)
20	S-meter, AM AGC	1.1
21	AM RF-IN	2.6
22	AFC	2.55
23	OSC	5.17
24	OSC buffer, FM SD adjust	3.16

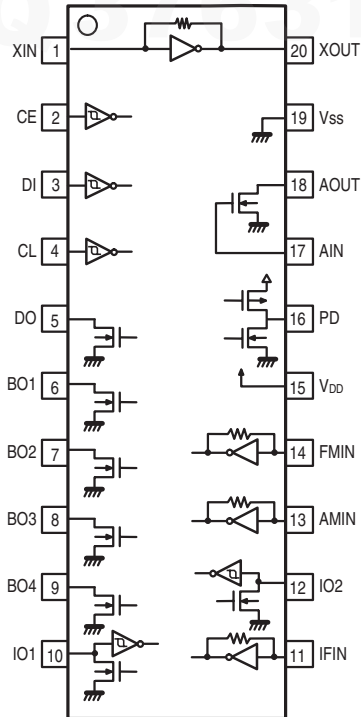
* Normally at FM (at AM)

LC75811W (IC501)

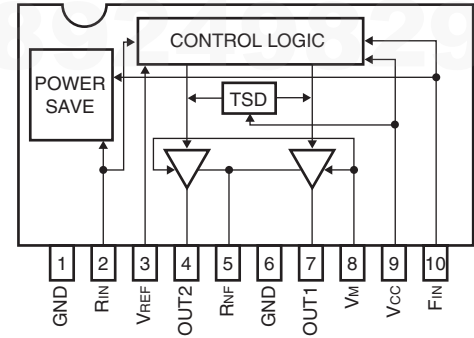
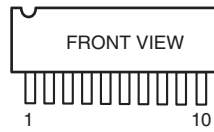
● LC75811W Terminal Function

Pin No.	I/O	Function
1~56	O	Segment driver output
57	O	Segment driver output
58	O	Segment driver output
59~66	O	Common driver output
67	—	Power supply for logic block
68	—	Power supply for LCD
69	I	For LCD drive bias 3/4V external apply
70	I	For LCD drive bias 2/4V external apply
71	I	For LCD drive bias 1/4V external apply
72	—	Power supply pin
73	O	Pin for oscillator
74	I	Pin for oscillator
75	I	Reset signal input
76	I	Input for serial data transfer CE: Chip enable, CL: Sync clock, DI: Transfer data
77	I	Input for serial data transfer CE: Chip enable, CL: Sync clock, DI: Transfer data
78	I	Input for serial data transfer CE: Chip enable, CL: Sync clock, DI: Transfer data
79, 80	O	Segment driver output

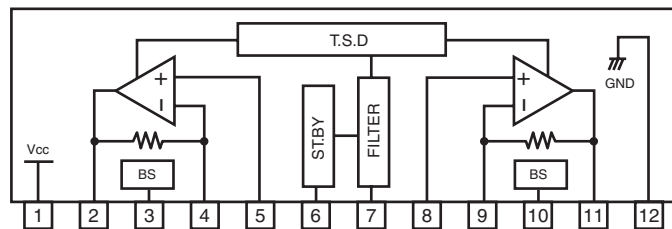
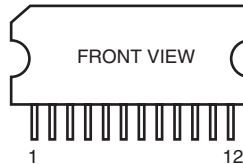
LC72131M (IC401)



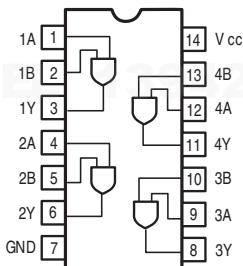
BA6286 (IC151)



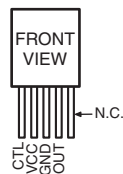
BA5415A (IC707)



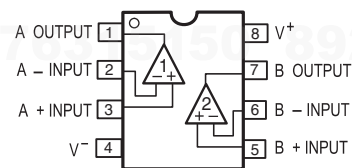
74VHC08F (IC150)



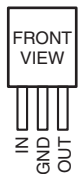
**BA08ST (IC703)
BA10ST (IC701)**



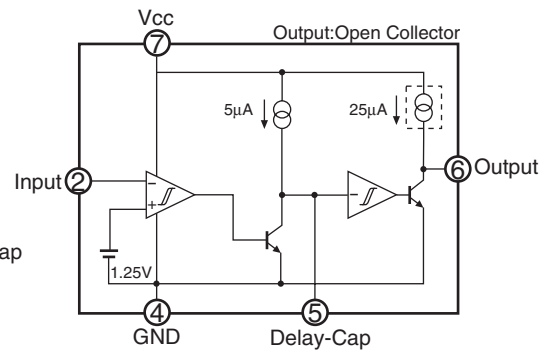
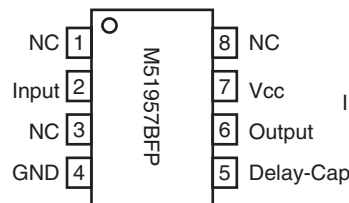
BA15218F (IC605)



**NJM7805FA (IC702)
NJM7806FA (IC704)**

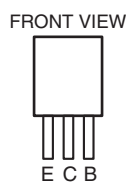


M51957FP (SY1)

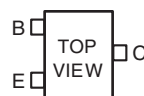


● TRANSISTORS

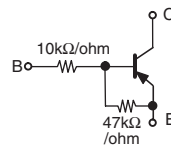
**2SC1740S
2SC536GSP
HIT5610**



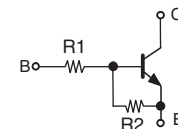
**2SA1037K
2SA1179
2SC2411K
2SC2412K
2SC2413K
DTA114YK
DTC114EK
DTC114YK
DTC323TK**



DTA 114YK



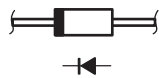
DTC Series



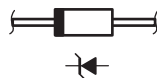
	R1	R2
DTC114EK	10kΩ/ohm	10kΩ/ohm
DTC114YK	10kΩ/ohm	47kΩ/ohm
DTC323TK	2.2kΩ/ohm	-

● DIODES

1N4004
1N4148
1N5404



MTZJ5P6B
MTZJ6P2A
MTZJ7P5A



SVC321SP

FRONT VIEW



● REMOTE CONTROL SENSOR

RPM6938-V4 (IC604)

TOP VIEW



● IC PROTECTOR

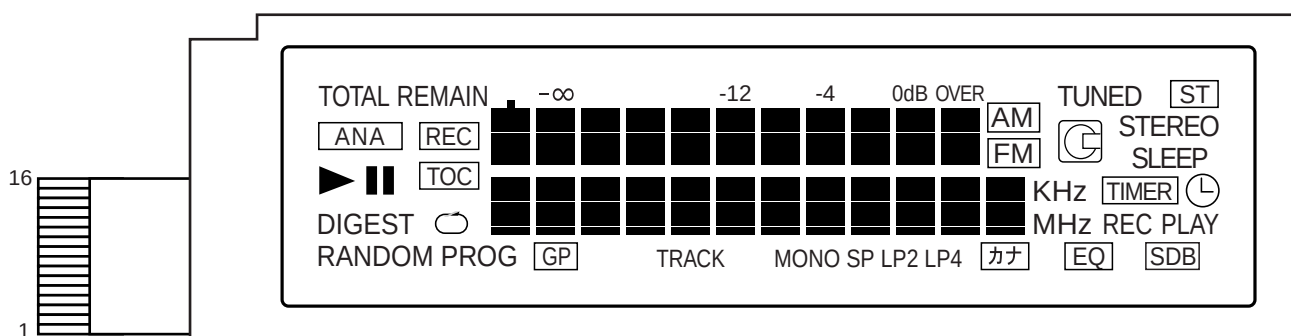
ICP-N10T (IC152,153)

FRONT VIEW



● LC DISPLAY

C-51637-AB (FL501)



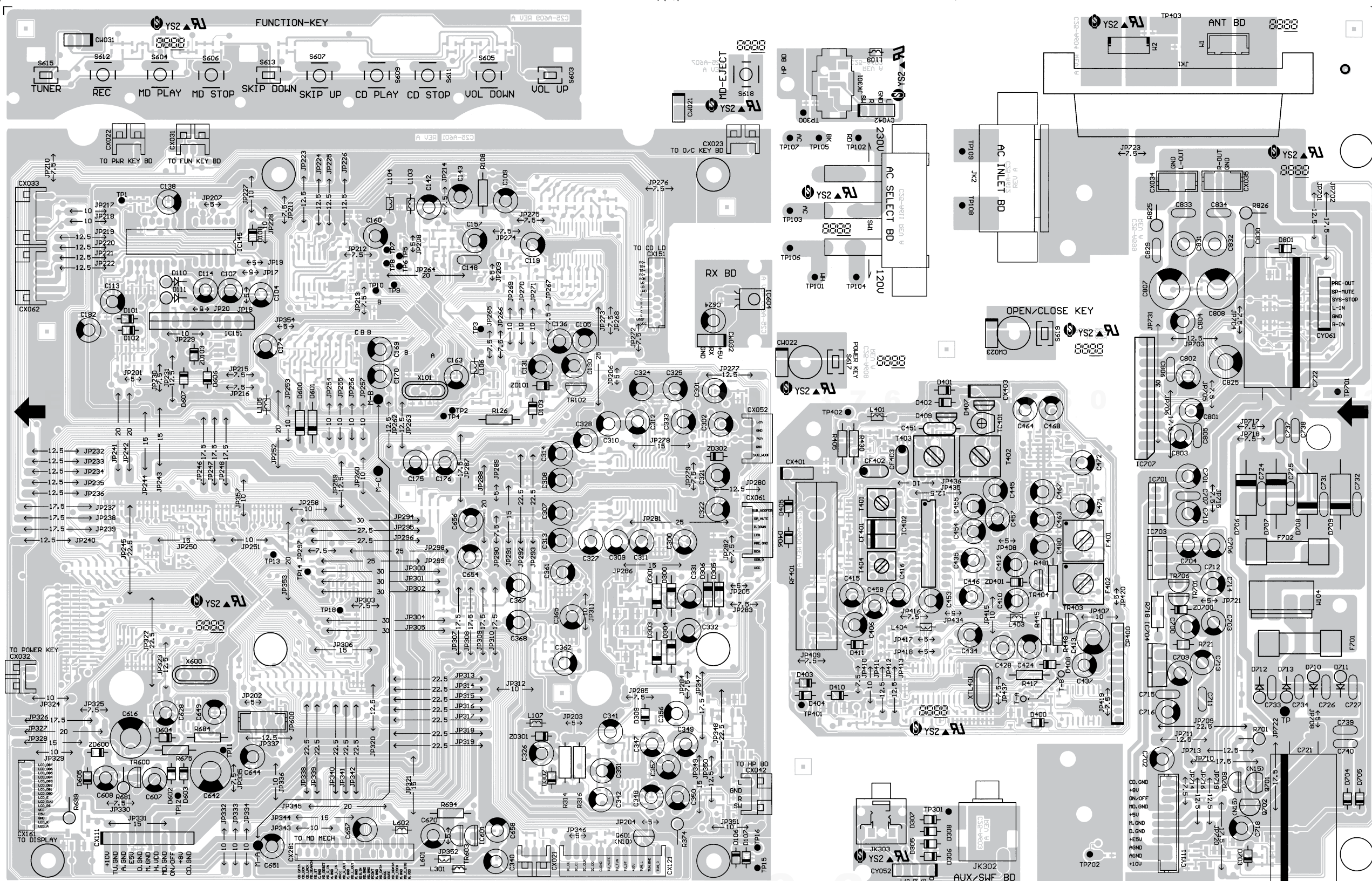
Pin Connection

Pin No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Connection	LED(A)	LED(K)	VSS	VCC	VEE	RS	R/W	E	DB0	DB1	DB2	DB3	DB4	DB5	DB6	DB7

PRINTED WIRING BOARD (1/2)

D-AJ03 28

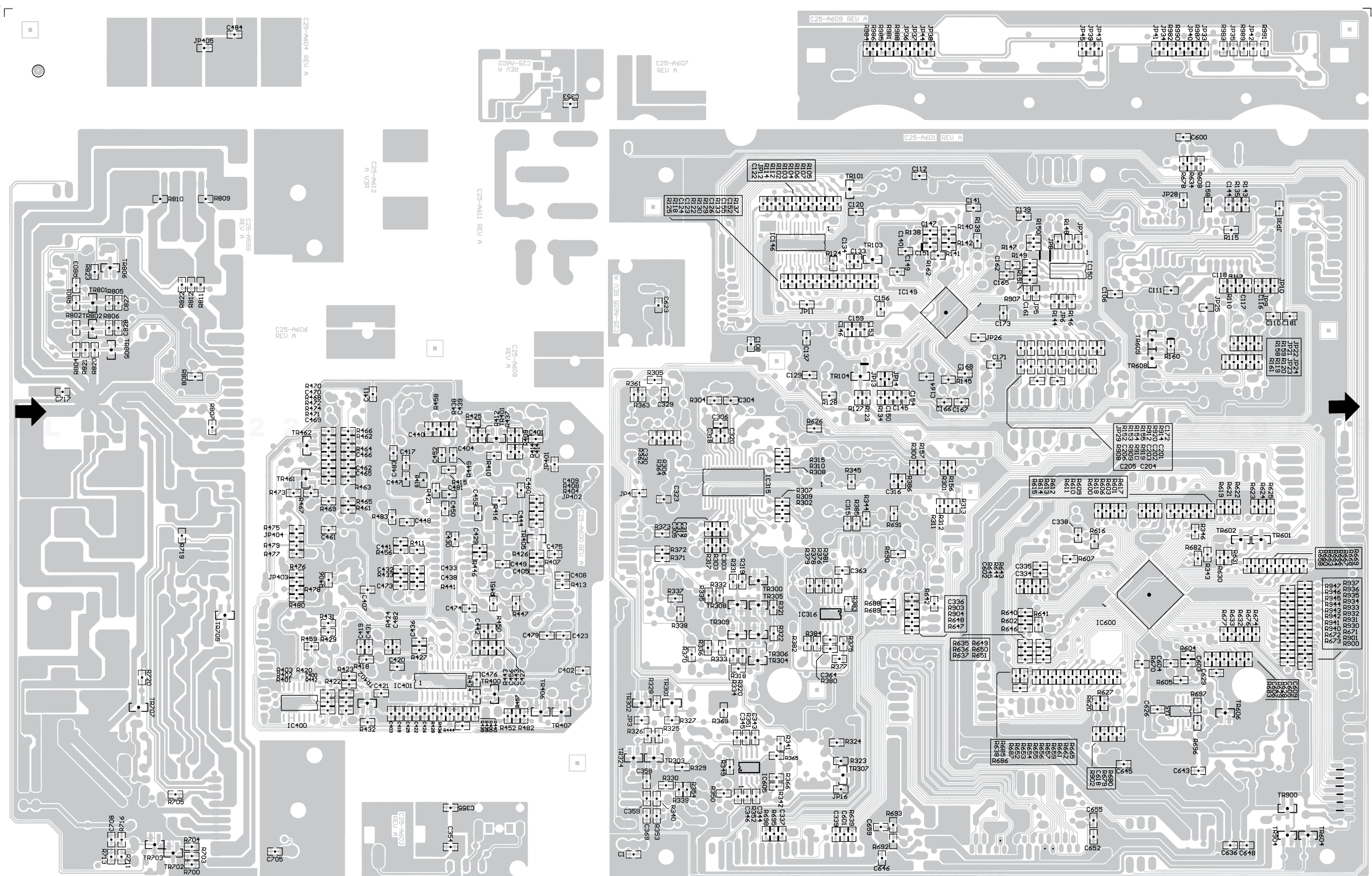
MAIN P.W.B. UNIT COMPONENT SIDE



PRINTED WIRING BOARD (2/2)

1 2 3 4 5 6 7 8

MAIN P.W.B. UNIT FOIL SIDE



NOTE FOR PARTS LIST

- Part indicated with the mark "◎" are not always in stock and possibly to take a long period of time for supplying, or in some case supplying of part may be refused.
- When ordering of part, clearly indicate "I" and "l" (i) to avoid mis-supplying.
- Ordering part without stating its part number can not be supplied.
- Part indicated with the mark "★" is not illustrated in the exploded view.
- Not including Carbon Film Resistor $\pm 5\%$, 1/4W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)
- Not including Carbon Chip Resistor 1/16W Type in the P.W.Board parts list. (Refer to the Schematic Diagram for those parts.)

WARNING:

Parts marked with this symbol $\triangle$ have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

● Resistors

Ex.: **RN** **14K** **2E** **182** **G** **FR**
Type Shape and performance Power Resistance Allowable error Others

RD : Carbon	2B : 1/8W	F : $\pm 1\%$	P : Pulse-resistant type
RC : Composition	2E : 1/4W	G : $\pm 2\%$	NL : Low noise type
RS : Metal oxide film	2H : 1/2W	J : $\pm 5\%$	NB : Non-burning type
RW : Winding	3A : 1W	K : $\pm 10\%$	FR : Fuse-resistor
RN : Metal film	3D : 2W	M : $\pm 20\%$	F : Lead wire forming
RK : Metal mixture	3F : 3W		
	3H : 5W		

* Resistance

$\overset{1}{\uparrow} \underset{2}{\uparrow} \overset{8}{\uparrow} \Rightarrow 1800 \text{ ohm} = 1.8 \text{ kohm}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: ohm

$\overset{1}{\uparrow} \underset{2}{\uparrow} \overset{R}{\uparrow} \Rightarrow 1.2 \text{ ohm}$
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: ohm

● Capacitors

Ex.: **CE** **04W** **1H** **2R2** **M** **BP**
Type Shape and performance Dielectric strength Capacity Allowable error Others

CE : Aluminum foil electrolytic	0J : 6.3V	F : $\pm 1\%$	HS : High stability type
CA : Aluminum solid electrolytic	1A : 10V	G : $\pm 2\%$	BP : Non-polar type
CS : Tantalum electrolytic	1C : 16V	J : $\pm 5\%$	HR : Ripple-resistant type
CO : Film	1E : 25V	K : $\pm 10\%$	DL : For change and discharge
CK : Ceramic	1V : 35V	M : $\pm 20\%$	HF : For assuring high frequency
CC : Ceramic	1H : 50V	Z : $\pm 80\%$	U : UL part
CP : Oil	2A : 100V	-20%	C : CSA part
CM : Mica	2B : 125V	P : $\pm 100\%$	W : UL-CSA type
CF : Metallized	2C : 160V	-0%	F : Lead wire forming
CH : Metallized	2D : 200V	C : $\pm 0.25\text{pF}$	
	2E : 250V	D : $\pm 0.5\text{pF}$	
	2H : 500V	= : Others	
	2J : 630V		

* Capacity (electrolyte only)

$\overset{2}{\uparrow} \underset{2}{\uparrow} \overset{2}{\uparrow} \Rightarrow 2200\mu\text{F}$
Indicates number of zeros after effective number.
2-digit effective number.

• Units: μF .

$\overset{2}{\uparrow} \underset{2}{\uparrow} \overset{R}{\uparrow} \Rightarrow 2.2\mu\text{F}$
1-digit effective number.
2-digit effective number, decimal point indicated by R.

• Units: μF .

* Capacity (except electrolyte)

$\overset{2}{\uparrow} \underset{2}{\uparrow} \overset{2}{\uparrow} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
(More than 2) Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

$\overset{2}{\uparrow} \underset{2}{\uparrow} \overset{1}{\uparrow} \Rightarrow 220\text{pF}$
(0 or 1) Indicates number of zeros after effective number.
2-digit effective number.

• Units: pF.

• When the dielectric strength is indicated in AC, "AC" is included after the dielectric strength value.

部品表について

- 印の部品は常時在庫していませんので供給に長時間を要することがあります。
場合によっては、供給をお断りすることがあります。
- 部品を発注する際は特に数字の "1" と英字の "I" との区別をはっきり記入してください。
- 部品番号を表示していない部品は供給できません。
- $\triangle$ 印の部品は安全上重要な部品です。交換するときは、安全および性能維持のため必ず指定の部品をご使用ください。
- ★印のついている部品は分解図中には記載していません。
- カーボン抵抗器 $\pm 5\%$ 、1/4W 型は記載していません。定数は回路図を参照願います。
- カーボンチップ抵抗器 1/16W 型は記載していません。定数は回路図を参照願います。
- 部品表の抵抗器、コンデンサの品名記号の読み方は表を参照してください。

●抵抗器

例)	RN 種類	14K 形状特性	2E 電力	182 抵抗値	G 許容差	FR その他
RD :	カーボン	2B : 1/8 W	F : $\pm 1\%$	P : 耐パルス形		
RC :	固定体	2E : 1/4 W	G : $\pm 2\%$	NL : 低雑音形		
RS :	金属系皮膜	2H : 1/2 W	J : $\pm 5\%$	NB : 不燃形		
RW :	巻線	3A : 1 W	K : $\pm 10\%$	FR : ヒューズ抵抗		
RN :	金属皮膜	3D : 2 W	M : $\pm 20\%$	F : リード線成形		
RK :	金属混合体	3F : 3 W				
		3H : 5 W				

* 抵抗値

$\overset{18}{\uparrow} \underset{2}{\uparrow} \Rightarrow 1800 \Omega = 1.8 \text{ k}\Omega$
有効数字につづく 0 の数を表わす。
2桁の有効数字を表わす。

$\overset{1R}{\uparrow} \underset{2}{\uparrow} \Rightarrow 1.2 \Omega$
1桁の有効数字を表わす。
2桁の有効数字で小数点は R で表わす。
単位は Ω

●コンデンサ

例)	CE 種類	04W 形状特性	1H 耐圧	2R2 容量	M 許容差	BP その他
CE :	アルミ箔電解	0J : 6.3 V	F : $\pm 1\%$	HS : 高安定形		
CA :	アルミ固体電解	1A : 10 V	G : $\pm 2\%$	BP : 無極性形		
CS :	タンタル電解	1C : 16 V	J : $\pm 5\%$	HR : 耐リップル形		
CQ :	フィルム	1E : 25 V	K : $\pm 10\%$	DL : 充放電対策用		
CK :	セラミック	1V : 35 V	M : $\pm 20\%$	HF : 高周波保証用		
CC :	セラミック	1H : 50 V	Z : $\pm 80\%$	U : UL 部品		
CP :	オイル	2A : 100 V	-20%	C : CSA 部品		
CM :	マイカ	2B : 125 V	P : $\pm 100\%$	W : UL-CSA 部品		
CF :	メタライズド	2C : 160 V	- 0%	F : リード線成形		
CH :	メタライズド	2D : 200 V	C : $\pm 0.25\text{pF}$			
		2E : 250 V	D : $\pm 0.5\text{pF}$			
		2H : 500 V	= : その他			
		2J : 630 V				

* 容量値

●電解コンデンサの場合

$\overset{22}{\uparrow} \underset{2}{\uparrow} \Rightarrow 2200\mu\text{F}$
有効数字につづく 0 の数を表わす。
2桁の有効数字を表わす。
単位は μF

$\overset{2R}{\uparrow} \underset{2}{\uparrow} \Rightarrow 2.2\mu\text{F}$
1桁の有効数字を表わす。
2桁の有効数字で小数点は R で表わす。
単位は μF

●電解コンデンサ以外の場合

$\overset{22}{\uparrow} \underset{2}{\uparrow} \Rightarrow 2200\text{pF} = 0.0022\mu\text{F}$
有効数字につづく 0 の数を表わす。
(0 の数が 2 以上の場合)
2桁の有効数字を表わす。
単位は pF

$\overset{22}{\uparrow} \underset{1}{\uparrow} \Rightarrow 220\text{pF}$
有効数字につづく 0 の数を表わす。
(0 の数が 0 または 1 の場合)
2桁の有効数字を表わす。
単位は pF

●耐圧を交流で表示する場合は、耐圧表示の次に「AC」を表示します。

PARTS LIST OF P.W.B. UNIT ASS'Y

MAIN P.W.B. UNIT ASS'Y

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	SEMICONDUCTORS GROUP					
	IC145	951 0062 704	LA6558	C43-LA6558		
	IC146	951 0062 908	TA2157F	C43-TA2157F		
	IC149	951 0063 004	TC94A14FA	C43-TC94A14FA		
	IC151	951 0068 504	BA6286	C43-BA6286		
	IC315	951 0011 904	LC75342M	C43-LC75342M		
	IC400	951 0062 306	74VHC08F	C43-74VHC08F		
	IC401	951 0022 906	LC72131M	C43-LC72131M		
	IC402	951 0021 305	LA1844	C43-LA1844		
	IC600	262 3161 007	TMP91CY22	DC43-TMP91CY22		
	IC605	951 0068 708	BA15218F	C43-BA15218F		
	IC701	951 0062 500	BA10ST	C43-BA10ST		
	IC703	951 0080 100	NJM7808FA	C43-NJM7808FA		
	IC707	951 0023 701	BA5415A	C43-BA5415A		
	IC901	951 0080 207	PT2222	C43-PT2222		
	SY1	951 0068 902	M51957BFP (8P2S-A)	C43-M51957BFP		
	Q601	951 0068 601	IC PROTECTOR (ICP-N10T)	C65-ICP-N10T		
	TR101	GP3 8002 021	2SA1179	C62-2SA1179		
	TR102	273 0178 022	2SC1740R/S (T)	C55-2SC1740S		
	TR103	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR104	951 0080 304	DTC114EKA	C62-DTC114EK		
	TR300	269 0066 902	DTC323TK	C62-DTC323TK		
	TR301	271 0238 908	2SA1037K (S/R)	C62-2SA1037K		
	TR303	GP3 8002 022	2SC2411K	C62-2SC2411K		
	TR304	269 0066 902	DTC323TK	C62-DTC323TK		
	TR305	951 0080 401	2SA1036K	C62-2SA1036K		
	TR306	951 0080 401	2SA1036K	C62-2SA1036K		
	TR307	GP3 8002 024	2SC2412K	C62-2SC2412K		
	TR308	GP3 8002 022	2SC2411K	C62-2SC2411K		
	TR309	GP3 8002 022	2SC2411K	C62-2SC2411K		
	TR400	269 0082 902	DTC144EK (T)	C62-DTC144EK		
	TR401	951 0023 109	2SC2413K	C62-2SC2413K		
	TR402	951 0080 304	DTC114EKA	C62-DTC114EK		
	TR403	951 0063 208	HIT5610	C35-HIT5610		
	TR404	GP3 8002 014	2SC536GSP	C55-2SC536GSP		
	TR406	951 0080 508	DTC114TK (T)	C62-DTC114TK		
	TR407	951 0080 508	DTC114TK (T)	C62-DTC114TK		
	TR461	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR462	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR600	273 0178 022	2SC1740R/S (T)	C55-2SC1740S		
	TR601	269 0144 905	DTA114YKA	C62-DTA114YKA		
	TR602	269 0144 905	DTA114YKA	C62-DTA114YKA		
	TR604	951 0080 304	DTC114EKA	C62-DTC114EK		
	TR606	951 0080 304	DTC114EKA	C62-DTC114EK		
	TR608	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR701	273 0178 022	2SC1740R/S (T)	C55-2SC1740S		
	TR702	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR703	951 0080 605	2SC2412	C62-2SC2412		
	TR705	GP3 8002 023	2SC2412K	C62-2SC2412K		
	TR706	951 0063 208	HIT5610	C35-HIT5610		
	TR805	269 0066 902	DTC323TK	C62-DTC323TK		
	TR806	269 0066 902	DTC323TK	C62-DTC323TK		
	TR900	951 0080 906	DTA114EK	C62-DTA114EK		
	TR901	951 0081 002	2SC2120Y (T)	C55-2SC2120Y		
	D103	951 0063 101	IN4148 (T)	C54-IN4148		
	D108	951 0063 101	IN4148 (T)	C54-IN4148		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	D110	GP6 0004 002	IN4004	C44-IN4004-GD		
	D111	GP6 0004 002	IN4004	C44-IN4004-GD		
	D300	GP6 0004 002	IN4004	C44-IN4004-GD		
	D301	GP6 0004 002	IN4004	C44-IN4004-GD		
	D303	GP6 0004 002	IN4004	C44-IN4004-GD		
	D304	GP6 0004 002	IN4004	C44-IN4004-GD		
	D305	GP6 0004 002	IN4004	C44-IN4004-GD		
	D306	GP6 0004 002	IN4004	C44-IN4004-GD		
	D400	951 0063 101	IN4148 (T)	C54-IN4148		
	D401	951 0063 101	IN4148 (T)	C54-IN4148		
	D402	951 0063 101	IN4148 (T)	C54-IN4148		
	D405	951 0063 101	IN4148 (T)	C54-IN4148		
	D406	951 0063 101	IN4148 (T)	C54-IN4148		
	D407	951 0021 703	SVC321SP	C44-SVC321SP		
	D408	951 0063 101	IN4148 (T)	C54-IN4148		
	D409	951 0021 703	SVC321SP	C44-SVC321SP		
	D410	951 0063 101	IN4148 (T)	C54-IN4148		
	D411	951 0063 101	IN4148 (T)	C54-IN4148		
	D600	951 0063 101	IN4148 (T)	C54-IN4148		
	D601	951 0063 101	IN4148 (T)	C54-IN4148		
	D602	951 0063 101	IN4148 (T)	C54-IN4148		
	D603	951 0063 101	IN4148 (T)	C54-IN4148		
	D604	951 0063 101	IN4148 (T)	C54-IN4148		
	D605	951 0063 101	IN4148 (T)	C54-IN4148		
	D606	951 0063 101	IN4148 (T)	C54-IN4148		
	D607	951 0063 101	IN4148 (T)	C54-IN4148		
	D704	951 0063 101	IN4148 (T)	C54-IN4148		
	D705	951 0063 101	IN4148 (T)	C54-IN4148		
	D706	951 0021 402	IN5404-GD	C44-IN5404-GD		
	D707	951 0021 402	IN5404-GD	C44-IN5404-GD		
	D708	951 0021 402	IN5404-GD	C44-IN5404-GD		
	D709	951 0021 402	IN5404-GD	C44-IN5404-GD		
	D710	GP6 0004 002	150	C44-IN4004-GD		
	D711	GP6 0004 002	IN4004	C44-IN4004-GD		
	D712	GP6 0004 002	IN4004	C44-IN4004-GD		
	D713	GP6 0004 002	IN4004	C44-IN4004-GD		
	D801	951 0063 101	IN4148 (T)	C54-IN4148		
	D901	GP3 8002 006	IN4148	C44-IN4148		
	D902	GP3 8002 006	IN4148	C44-IN4148		
	D903	GP3 8002 006	IN4148	C44-IN4148		
	ZD101	951 0048 003	MTZJ5P6B (T)	C54-MTZJ5P6B		
	ZD103	951 0030 309	MTZJ7P5A (T)	C54-MTZJ7P5A		
	ZD401	951 0022 401	MTZJ6P2A	C54-MTZJ6P2A		
	ZD600	951 0080 702	MTZJ3P9B	C54-MTZJ3P9B		
	ZD700	951 0048 003	MTZJ5P6B (T)	C54-MTZJ5P6B		
	LD901	951 0080 809	SIR-563ST3F	C93-SIR563ST3F		
RESISTORS GROUP						
	R10	951 9002 723	CARBON CHIP 1MEG OHM 1/16W	For Serge C69-C3J-1M-Y		
	R102	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R103	951 9002 985	CARBON CHIP 82KOHM 1/16W	C69-C3J-82K-Y		
	R104	951 9002 985	CARBON CHIP 82KOHM 1/16W	C69-C3J-82K-Y		
	R105	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R106	951 9002 985	CARBON CHIP 82KOHM 1/16W	C69-C3J-82K-Y		
	R107	951 9002 985	CARBON CHIP 82KOHM 1/16W	C69-C3J-82K-Y		
	R108	951 9001 614	CARBON FILM 1/4W 10 OHM	C56-PQ-10-Y		
	R112	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R114	951 9002 972	CARBON CHIP 820 OHM 1/16W	C69-C3J-820-Y		
	R115	951 9002 820	CARBON CHIP 33K OHM 1/16W	C69-C3J-33K-Y		
	R118	951 9002 930	CARBON CHIP 68K OHM 1/16W	C69-C3J-68K-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R119	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R120	951 9002 875	CARBON CHIP 3.9K OHM 1/16W	C69-C3J-3K9-Y		
	R122	951 9002 613	CARBON CHIP 100 OHM 1/16W	C69-C3J-100-Y		
	R123	951 9002 697	CARBON CHIP 1.2K OHM 1/16W	C69-C3J-1K2-Y		
	R124	951 9002 820	CARBON CHIP 33K OHM 1/16W	C69-C3J-33K-Y		
	R125	951 9002 943	CARBON CHIP 6.8K OHM 1/16W	C69-C3J-6K8-Y		
	R126	951 9001 669	CARBON FILM 1/4W 47 OHM	C56-PQ-47-Y		
	R127	951 9002 613	CARBON CHIP 100 OHM 1/16W	C69-C3J-100-Y		
	R128	951 9002 736	CARBON CHIP 22 OHM 1/16W	C69-C3J-22-Y		
	R129	951 9002 794	CARBON CHIP 2.2K OHM 1/16W	C69-C3J-2K2-Y		
	R130	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R133	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R134	951 9002 875	CARBON CHIP 3.9K OHM 1/16W	C69-C3J-3K9-Y		
	R135	951 9002 642	CARBON CHIP 12K OHM 1/16W	C69-C3J-12K-Y		
	R137	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R138	951 9002 668	CARBON CHIP 15K OHM 1/16W	C69-C3J-15K-Y		
	R139	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R140	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R141	951 9002 655	CARBON CHIP 150K OHM 1/16W	C69-C3J-150K-Y		
	R142	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R143	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R145	951 9002 723	CARBON CHIP 1MEG OHM 1/16W	C69-C3J-1M-Y		
	R152	951 9002 752	CARBON CHIP 22K OHM 1/16W	C69-C3J-22K-Y		
	R153	951 9002 752	CARBON CHIP 22K OHM 1/16W	C69-C3J-22K-Y		
	R154	951 9002 752	CARBON CHIP 22K OHM 1/16W	C69-C3J-22K-Y		
	R155	951 9002 752	CARBON CHIP 22K OHM 1/16W	C69-C3J-22K-Y		
	R156	951 9003 476	CARBON CHIP 8.2K OHM 1/16W	C69-C3J-8K2-Y		
	R157	951 9003 476	CARBON CHIP 8.2K OHM 1/16W	C69-C3J-8K2-Y		
	R160	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R161	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R162	951 9004 006	CARBON CHIP 2.2MEG OHM 1/16W	C69-C3J-2M2-Y		
	R300	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R301	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R302	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R303	951 9002 862	CARBON CHIP 3.6K OHM 1/16W	C69-C3J-3K6-Y		
	R304	951 9002 862	CARBON CHIP 3.6K OHM 1/16W	C69-C3J-3K6-Y		
	R305	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R306	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R307	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R308	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R309	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R310	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R311	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R312	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R313	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R315	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R317	951 9003 447	CARBON CHIP 2K OHM 1/16W	C69-C3J-2K-Y		
	R318	951 9003 447	CARBON CHIP 2K OHM 1/16W	C69-C3J-2K-Y		
	R319	951 9003 447	CARBON CHIP 2K OHM 1/16W	C69-C3J-2K-Y		
	R320	951 9003 447	CARBON CHIP 2K OHM 1/16W	C69-C3J-2K-Y		
	R321	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R322	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R323	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R325	951 9002 794	CARBON CHIP 2.2K OHM 1/16W	C69-C3J-2K2-Y		
	R326	951 9002 794	CARBON CHIP 2.2K OHM 1/16W	C69-C3J-2K2-Y		
	R327	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R328	951 9002 639	CARBON CHIP 10K OHM 1/16W+/	C69-C3J-10K-Y		
	R329	951 9002 749	CARBON CHIP 220 OHM 1/16W	C69-C3J-220-Y		
	R330	951 9002 749	CARBON CHIP 220 OHM 1/16W	C69-C3J-220-Y		
	R332	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R331	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R333	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R334	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R335	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R336	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R337	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R338	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R339	951 9002 668	CARBON CHIP 15K OHM 1/16W	C69-C3J-15K-Y		
	R340	951 9002 668	CARBON CHIP 15K OHM 1/16W	C69-C3J-15K-Y		
	R341	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R342	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R343	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R344	951 9004 019	CARBON CHIP 1.3K OHM 1/16W	C69-C3J-1K3-Y		
	R345	951 9004 019	CARBON CHIP 1.3K OHM 1/16W	C69-C3J-1K3-Y		
	R346	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R349	951 9002 972	CARBON CHIP 820 OHM 1/16W	C69-C3J-820-Y		
	R350	951 9002 972	CARBON CHIP 820 OHM 1/16W	C69-C3J-820-Y		
	R351	951 9004 022	CARBON CHIP 5.1K OHM 1/16W	C69-C3J-5K1-Y		
	R352	951 9004 022	CARBON CHIP 5.1K OHM 1/16W	C69-C3J-5K1-Y		
	R353	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R354	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R361	951 9002 781	CARBON CHIP 27K OHM 1/16W	C69-C3J-27K-Y		
	R362	951 9002 781	CARBON CHIP 27K OHM 1/16W	C69-C3J-27K-Y		
	R363	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R364	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R365	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R366	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R369	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R370	951 9002 943	CARBON CHIP 6.8K OHM 1/16W	C69-C3J-6K8-Y		
	R371	951 9002 943	CARBON CHIP 6.8K OHM 1/16W	C69-C3J-6K8-Y		
	R372	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R373	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R374	951 9003 463	METAL OXIDE 120 OHM 1W	C39-1-120-Y		
	R385	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R386	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R400	951 9002 804	CARBON CHIP 2.7K OHM 1/16W	C69-C3J-2K7-Y		
	R401	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R402	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R403	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R405	951 9004 242	CARBON FILM 1/4W 75 OHM (T)	C56-PQ-75-Y		
	R406	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R407	951 9002 969	CARBON CHIP 82 OHM 1/16W	C69-C3J-82-Y		
	R409	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R410	951 9002 888	CARBON CHIP 470 OHM 1/16W	C69-C3J-470-Y		
	R411	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R412	951 9003 489	CARBON CHIP 56 OHM 1/16W	C69-C3J-56-Y		
	R413	951 9002 846	CARBON CHIP 3K ohm 1/16W	C69-C3J-3K-Y		
	R414	951 9002 817	CARBON CHIP 330 OHM 1/16W	C69-C3J-330-Y		
	R415	951 9003 492	CARBON CHIP 47 OHM 1/16W	C69-C3J-47-Y		
	R416	951 9002 891	CARBON CHIP 470KOHM 1/16W	C69-C3J-470K-Y		
	R417	951 9001 627	CARBON FILM 1/4W 100 OHM	C56-PQ-100-Y		
	R418	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R419	951 9002 956	CARBON CHIP 7.5K OHM 1/16W	C69-C3J-7K5-Y		
	R420	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R421	951 9002 668	CARBON CHIP 15K OHM 1/16W	C69-C3J-15K-Y		
	R422	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R423	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R424	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R425	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R426	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R427	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R428	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R429	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R430	951 9001 627	CARBON FILM 1/4W 100 OHM	C56-PQ-100-Y		
	R431	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R432	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R433	951 9003 502	CARBON CHIP 20K OHM 1/16W	C69-C3J-20K-Y		
	R434	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R435	951 9002 697	CARBON CHIP 1.2K OHM 1/16W	C69-C3J-1K2-Y		
	R437	951 9002 749	CARBON CHIP 220 OHM 1/16W	C69-C3J-220-Y		
	R438	951 9002 930	CARBON CHIP 68K OHM 1/16W	C69-C3J-68K-Y		
	R439	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R440	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R441	951 9003 515	CARBON CHIP 51K OHM	C69-C3J-51K-Y		
	R442	951 9002 613	CARBON CHIP 100 OHM 1/16W	C69-C3J-100-Y		
	R443	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R444	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R446	951 9002 600	CARBON CHIP 0 ohm 1/16W	C69-C3J-0-Y		
	R447	951 9002 859	CARBON CHIP 3.3K OHM 1/16W	C69-C3J-3K3-Y		
	R449	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R450	951 9002 875	CARBON CHIP 3.9K OHM 1/16W	C69-C3J-3K9-Y		
	R451	951 9002 710	CARBON CHIP 1.8K OHM 1/16W	C69-C3J-1K8-Y		
	R452	951 9003 447	CARBON CHIP 2K OHM 1/16W	C69-C3J-2K-Y		
	R456	951 9003 502	CARBON CHIP 20K OHM 1/16W	C69-C3J-20K-Y		
	R457	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R458	951 9002 626	CARBON CHIP 100K OHM 1/16W	C69-C3J-100K-Y		
	R459	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R461	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R462	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R463	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R464	951 9002 901	CARBON CHIP 47K OHM 1/16W	C69-C3J-47K-Y		
	R465	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R466	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R469	951 9004 048	CARBON CHIP 330K OHM 1/16W	C69-C3J-330K-Y		
	R470	951 9004 048	CARBON CHIP 330K OHM 1/16W	C69-C3J-330K-Y		
	R471	951 9002 888	CARBON CHIP 470 OHM 1/16W	C69-C3J-470-Y		
	R472	951 9002 888	CARBON CHIP 470 OHM 1/16W	C69-C3J-470-Y		
	R473	951 9002 846	CARBON CHIP 3K OHM 1/16W	C69-C3J-3K-Y		
	R474	951 9002 846	CARBON CHIP 3K OHM 1/16W	C69-C3J-3K-Y		
	R475	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R476	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	R477	951 9002 859	CARBON CHIP 3.3K OHM 1/16W	C69-C3J-3K3-Y		
	R478	951 9002 859	CARBON CHIP 3.3K OHM 1/16W	C69-C3J-3K3-Y		
	R479	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R480	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R481	951 9001 672	CARBON FILM 1/4W 470 OHM	C56-PQ-470-Y		
	R482	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R483	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R602	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R603	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R604	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R607	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R608	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R609	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R610	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R612	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R613	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R614	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R615	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R616	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		

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Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R680	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R681	951 9004 064	CARBON FILM 1/4WS 100 OHM (J)	C56-PQS-100-Y		
	R682	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R683	951 9004 077	CARBON CHIP 220K OHM 1/16W	C69-C3J-220K-Y		
	R684	951 9001 685	CARBON FILM 1/4W 680OHM	C56-PQ-680-Y		
	R685	951 9003 515	CARBON CHIP 51K OHM	C69-C3J-51K-Y		
	R686	951 9002 859	CARBON CHIP 3.3K OHM 1/16W	C69-C3J-3K3-Y		
	R687	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R695	951 9002 859	CARBON CHIP 3.3K OHM 1/16W	C69-C3J-3K3-Y		
	R696	951 9004 103	CARBON CHIP 13K OHM 1/16W	C69-C3J-13K-Y		
	R697	951 9002 642	CARBON CHIP 12K OHM 1/16W	C69-C3J-12K-Y		
	R698	951 9002 794	CARBON CHIP 2.2K OHM 1/16W	C69-C3J-2K2-Y		
	R699	951 9004 116	METAL OXIDE 91 OHM 1W	C39-1-91-Y		
	R700	951 9002 820	CARBON CHIP 33K OHM 1/16W	C69-C3J-33K-Y		
	R703	951 9003 502	CARBON CHIP 20K OHM 1/16W	C69-C3J-20K-Y		
	R704	951 9002 752	CARBON CHIP 22K OHM 1/16W	C69-C3J-22K-Y		
	R705	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R711	951 9002 668	CARBON CHIP 15K OHM 1/16W	C69-C3J-15K-Y		
	R713	951 9002 707	CARBON CHIP 1.5K OHM 1/16W	C69-C3J-1K5-Y		
	R716	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R718	GP3 8002 042	METAL OXIDE 330 OHM 1W	C39-1-330		
	R719	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R721	951 9004 129	CARBON FILM 1/4WS 1.2K OHM (J)	C56-PQS-1K2-Y		
	R801	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R802	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R805	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R806	951 9002 914	CARBON CHIP 4.7K OHM 1/16W	C69-C3J-4K7-Y		
	R807	951 9003 531	CARBON CHIP 750 OHM 1/16W	C69-C3J-750-Y		
	R808	951 9003 531	CARBON CHIP 750 OHM 1/16W	C69-C3J-750-Y		
	R809	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R810	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R811	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R812	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R820	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R821	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R822	951 9002 600	CARBON CHIP 0 OHM 1/16W	C69-C3J-0-Y		
	R823	951 9002 804	CARBON CHIP 2.7K OHM 1/16W	C69-C3J-2K7-Y		
	R825	GP38002045	CARBON FILM 1/2W (S.S.) 3.9 OHM	C26-PHG-3P9-Y		
	R826	GP38002045	CARBON FILM 1/2W (S.S.) 3.9 OHM	C26-PHG-3P9-Y		
	R901	951 9004 132	CARBON CHIP 1 OHM 1/16W	C69-C3J-1-Y		
	R902	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R903	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R904	951 9002 639	CARBON CHIP 10K OHM 1/16W	C69-C3J-10K-Y		
	R908	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R909	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R910	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R912	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R914	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R919	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R920	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R930	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R931	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R932	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R933	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R934	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R935	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R936	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R937	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R981	951 9002 710	CARBON CHIP 1.8K OHM 1/16W	C69-C3J-1K8-Y		
	R982	951 9002 697	CARBON CHIP 1.2K OHM 1/16W	C69-C3J-1K2-Y		
	R983	951 9002 804	CARBON CHIP 2.7K OHM 1/16W	C69-C3J-2K7-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	R984	951 9002 684	CARBON CHIP 1K OHM 1/16W	C69-C3J-1K-Y		
	R985	951 9002 707	CARBON CHIP 1.5K OHM 1/16W)	C69-C3J-1K5-Y		
	R986	951 9002 697	CARBON CHIP 1.2K OHM 1/16W	C69-C3J-1K2-Y		
	R987	951 9002 710	CARBON CHIP 1.8K OHM 1/16W	C69-C3J-1K8-Y		
	R988	951 9002 804	CARBON CHIP 2.7K OHM 1/16W	C69-C3J-2K7-Y		
	R989	951 9002 875	CARBON CHIP 3.9K OHM 1/16W	C69-C3J-3K9-Y		
	R990	951 9002 707	CARBON CHIP 1.5K OHM 1/16W	C69-C3J-1K5-Y		
	R991	951 9002 927	CARBON CHIP 5.6K OHM 1/16W	C69-C3J-5K6-Y		
	CONDUCTORS GROUP					
	C104	951 9003 706	ELECTROLYTIC 0.33MFD 50V	C58-50-M33-F-Y		
	C105	951 9003 366	ELECTROLYTIC 47MFD/16V	C58-16-47D7-F-Y		
	C106	951 9003 544	CERAMIC CHIP 0.33UF/16V	C70-1C3Z-M33-Y		
	C107	951 9003 706	ELECTROLYTIC 0.33MFD 50V	C58-50-M33-F-Y		
	C108	951 9001 973	CERAMIC CHIP 0.022UF/50V	C70-1H3Z-M022-Y		
	C109	951 9004 174	ELECTROLYTIC 100MFD 10V	C58-10-100-F-Y		
	C111	951 9001 973	CERAMIC CHIP 0.022UF/50V	C70-1H3Z-M022-Y		
	C112	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C113	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C114	951 9003 557	ELECTROLYTIC 470MFD 10V	C58-10-470-F-Y		
	C116	951 9001 973	CERAMIC CHIP 0.022UF/50V	C70-1H3Z-M022-Y		
	C119	951 9003 353	ELECTROLYTIC 100MFD/10V	C58-10-100D7F-Y		
	C120	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C122	951 9001 805	CERAMIC CHIP 680P/50V 603)	C70-1H3J-680-Y		
	C123	951 9003 560	CERAMIC CHIP 0.1UF	C70-1C3K-M1-Y		
	C124	951 9003 560	CERAMIC CHIP 0.1UF	C70-1C3K-M1-Y		
	C126	951 9001 737	CERAMIC CHIP 4PF/50V	C70-1H3DO-4-Y		
	C129	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C130	951 9004 161	ELECTROLYTIC 10MFD 16V	C58-16-10-F-Y		
	C131	951 9003 379	ELECTROLYTIC 10MFD/25V	C58-25-10C7F-Y		
	C133	951 9003 829	CERAMIC CHIP 27PF/50V	C70-1H3JO-27-Y		
	C134	951 9001 850	CERAMIC CHIP 22PF/50V	C70-1H3JO-22-Y		
	C136	951 9003 353	ELECTROLYTIC 100MFD	C58-10-100D7F-Y		
	C137	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C138	951 9004 174	ELECTROLYTIC 100MFD 10V	C58-10-100-F-Y		
	C139	951 9001 795	CERAMIC CHIP 470PF/50V	C70-1H3J-470-Y		
	C140	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C141	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C142	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C143	951 9004 174	ELECTROLYTIC 100MFD 10V	C58-10-100-F-Y		
	C144	951 9001 766	CERAMIC CHIP 220PF/50V	C70-1H3J-220-Y		
	C145	951 9003 586	CERAMIC CHIP 0.068UF/16V	C70-1C3K-M068-Y		
	C146	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C147	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C148	951 9003 599	MYLAR FILM 0.01 MFD / 100V	C60-FB-M01-F-Y		
	C149	951 9003 609	CERAMIC CHIP .0027UF/50V	C70-1H3K-M0027-Y		
	C150	951 9001 805	CERAMIC CHIP 680P/50V	C70-1H3J-680-Y		
	C151	951 9001 902	CERAMIC CHIP .015UF/50V	C70-1H3K-M015-Y		
	C152	951 9001 928	CERAMIC CHIP .033UF/50V	C70-1H3K-M033-Y		
	C153	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C154	951 9003 586	CERAMIC CHIP 0.068UF/16V	C70-1C3K-M068-Y		
	C155	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C156	951 9001 928	CERAMIC CHIP .033UF/50V	C70-1H3K-M033-Y		
	C157	951 9003 366	ELECTROLYTIC 47MFD/16V	C58-16-47D7-F-Y		
	C158	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C159	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C163	951 9003 395	ELECTROLYTIC 100MFD/16V	C58-16-100E7F-Y		
	C164	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C165	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C166	951 9001 847	CERAMIC CHIP 15PF/50V	C70-1H3JO-15-Y		
	C167	951 9001 847	CERAMIC CHIP 15PF/50V	C70-1H3JO-15-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C168	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C169	951 9003 353	ELECTROLYTIC 100MFD/10V	C58-10-100D7F-Y		
	C170	951 9003 395	ELECTROLYTIC 100MFD/16V	C58-16-100E7F-Y		
	C171	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C172	951 9003 638	CERAMIC CHIP 0.1UF/25V	C70-1E3Z-M1-Y		
	C173	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C174	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C175	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C176	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C181	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C182	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C201	951 9002 752	CHIP RES 22K OHM 1/16W	C69-C3J-22K-Y		
	C202	951 9002 752	CHIP RES 22K OHM 1/16W	C69-C3J-22K-Y		
	C300	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C301	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C302	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C303	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C304	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C307	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C308	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C311	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C312	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C313	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C314	951 9003 641	ELECTROLYTIC 2.2MFD 50V	C58-50-2M2-F-Y		
	C322	951 9003 395	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C323	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C324	951 9003 654	ELECTROLYTIC 22MFD 16V	C58-16-22-F-Y		
	C325	951 9004 174	ELECTROLYTIC 100MFD 10V	C58-10-100-F-Y		
	C326	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C327	951 9003 641	ELECTROLYTIC 2.2MFD 50V	C58-50-2M2-F-Y		
	C328	951 9003 641	ELECTROLYTIC 2.2MFD 50V	C58-50-2M2-F-Y		
	C329	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C330	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C331	951 9003 654	ELECTROLYTIC 22MFD 16V	C58-16-22-F-Y		
	C332	951 9003 654	ELECTROLYTIC 22MFD 16V	C58-16-22-F-Y		
	C333	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C334	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C335	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C336	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C337	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C338	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C339	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C340	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C341	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C342	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C343	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C344	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C345	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C346	951 9001 779	CERAMIC CHIP 39PF/50V	C70-1H3J-39-Y		
	C347	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C348	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C349	951 9004 190	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C350	951 9004 190	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C351	951 9004 190	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C354	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C355	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C357	951 9003 670	ELECTROLYTIC 220MFD 16V	C58-16-220-F-Y		
	C400	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C402	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C403	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C405	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		

Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C406	951 9003 719	ELECTROLYTIC 47MFD 25V	C58-25-47-F-Y		
	C409	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C410	951 9004 190	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C412	951 9003 654	ELECTROLYTIC 22MFD 16V	C58-16-22-F-Y		
	C413	951 9003 683	ELECTROLYTIC 470MFD 25V	C58-25-470-F-Y		
	C414	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C415	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C416	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C417	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C418	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C419	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C420	951 9003 829	CERAMIC CHIP 27PF/50V	C70-1H3JO-27-Y		
	C421	951 9003 829	CERAMIC CHIP 27PF/50V	C70-1H3JO-27-Y		
	C422	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C423	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C424	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C425	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C427	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C428	951 9004 200	ELECTROLYTIC 4.7 MFD / 50V	C58-50-4M7-BPF-Y		
	C429	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C430	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C432	951 9001 795	CERAMIC CHIP 470PF/50V	C70-1H3J-470-Y		
	C433	951 9003 560	CERAMIC CHIP 0.1UF/16V	C70-1C3K-M1-Y		
	C434	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C435	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C436	951 9003 560	CERAMIC CHIP 0.1UF/16V	C70-1C3K-M1-Y		
	C437	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C438	951 9003 560	CERAMIC CHIP 0.1UF/16V	C70-1C3K-M1-Y		
	C439	951 9003 560	CERAMIC CHIP 0.1UF/16V	C70-1C3K-M1-Y		
	C440	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C441	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C442	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C443	951 9001 766	CERAMIC CHIP 220PF/50V	C70-1H3J-220-Y		
	C444	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C445	951 9004 158	ELECTROLYTIC 47MFD 16V	C58-16-47-F-Y		
	C446	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C447	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C448	951 9001 931	CERAMIC CHIP 0.047UF/50V	C70-1H3K-M047-Y		
	C449	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C450	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C451	951 9003 722	POLYSTYRENE 50V 470PF	C21-N150R-470		
	C452	951 9004 239	CERAMIC CHIP 16PF/50V	C70-1H3JO-16-Y		
	C453	951 9004 174	ELECTROLYTIC 100MFD 10V	C58-10-100-F-Y		
	C454	951 9003 641	ELECTROLYTIC 2.2MFD 50V	C58-50-2M2-F-Y		
	C455	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C456	951 9001 740	CERAMIC CHIP 100PF/50V	C70-1H3J-100-Y		
	C457	951 9003 654	ELECTROLYTIC 22MFD 16V	C58-16-22-F-Y		
	C458	951 9002 998	ELECTROLYTIC 0.47MFD 50V	C58-50-M47-F-Y		
	C459	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C463	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C464	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C467	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C468	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C469	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C470	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C471	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C472	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C473	951 9001 889	CERAMIC CHIP .0047UF/50V	C70-1H3K-M0047-Y		
	C474	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C475	951 9001 960	CERAMIC CHIP 0.01UF/50V	C70-1H3Z-M01-Y		
	C476	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		

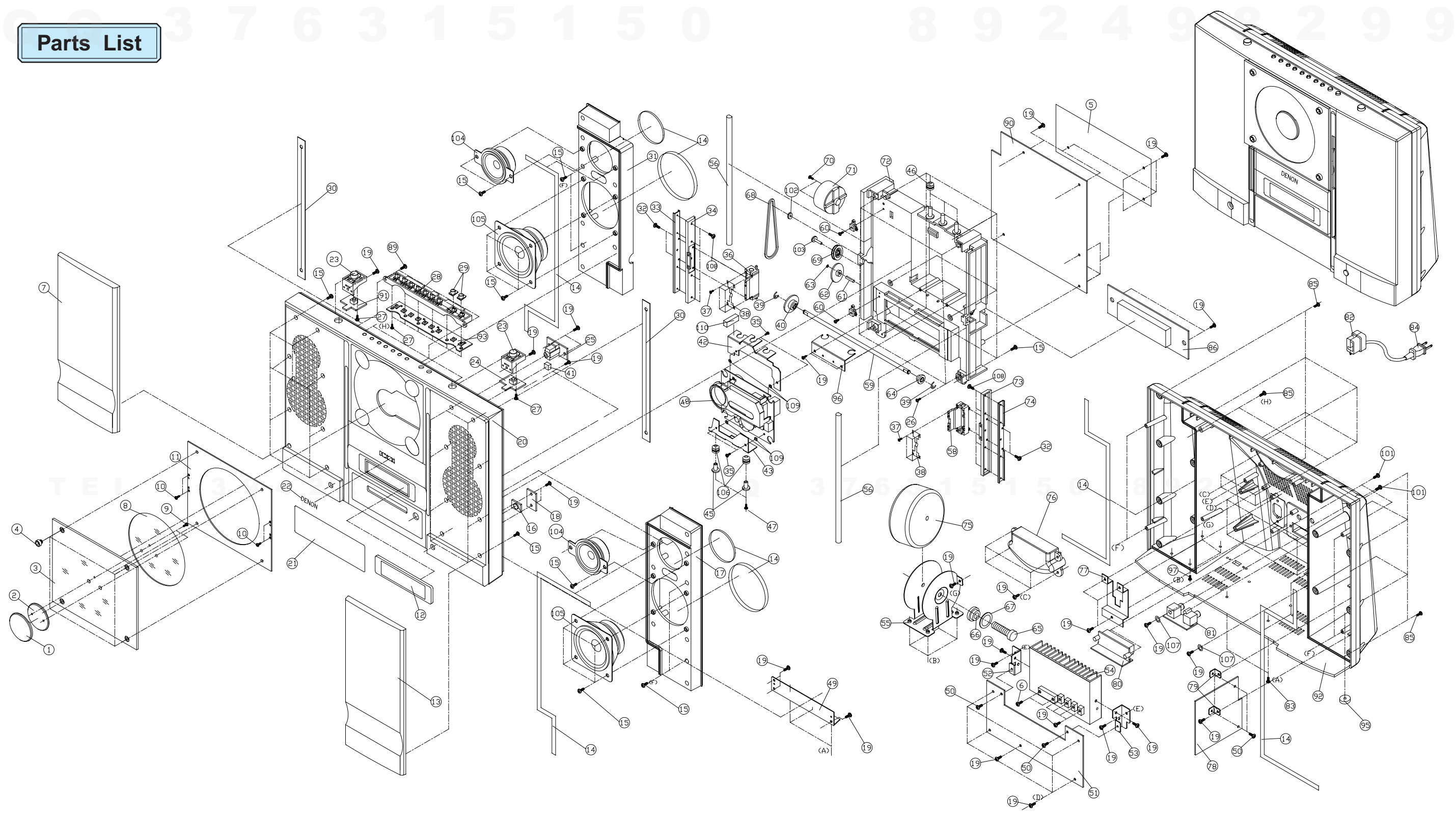
Saf	Ref. No.	Part No.	Part Name	Remarks	Q'ty	New
	C479	951 9001 753	CERAMIC CHIP 22PF/50V	C70-1H3J-22-Y		
	C480	951 9004 190	ELECTROLYTIC 100MFD 16V	C58-16-100-F-Y		
	C600	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C601	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C602	951 9001 782	CERAMIC CHIP 47PF/50V	C70-1H3J-47-Y		
	C603	951 9003 829	CERAMIC CHIP 27PF/50V	C70-1H3JO-27-Y		
	C604	951 9003 829	CERAMIC CHIP 27PF/50V	C70-1H3JO-27-Y		
	C605	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C606	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C607	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C608	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C616	951 9003 557	ELECTROLYTIC 470MFD 10V	C58-10-470-F-Y		
	C618	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C623	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C624	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C626	951 9001 892	CERAMIC CHIP 0.01UF/50V	C70-1H3K-M01-Y		
	C628	951 9003 382	ELECTROLYTIC 4.7MFD 50V	C58-50-4M7-F-Y		
	C629	951 9003 638	CERAMIC CHIP 0.1UF/25V	C70-1E3Z-M1-Y		
	C642	951 9003 557	ELECTROLYTIC 470MFD 10V	C58-10-470-F-Y		
	C643	951 9003 751	CERAMIC CHIP 0.0012UF/50V	C70-1H3K-M0012-Y		
	C644	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C645	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C648	951 9001 915	CERAMIC CHIP 0.022UF/50V	C70-1H3K-M022-Y		
	C649	951 9003 777	ELECTROLYTIC 0.22MFD 50V	C58-50-M22-F-Y		
	C700	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C701	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C703	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C704	951 9004 187	ELECTROLYTIC 10MFD 25V	C58-25-10-F-Y		
	C706	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C707	951 9001 708	CERAMIC 50V 0.01UF	C57-FC-M01-F-Y		
	C708	951 9001 876	CERAMIC CHIP 0.001UF/50V	C70-1H3K-M001-Y		
	C710	951 9003 780	ELECTROLYTIC 10 MFD 50V	C58-50-10-F-Y		
	C711	951 9001 708	CERAMIC E 50V 0.01UF	C57-FC-M01-F-Y		
	C712	951 9001 708	CERAMIC 50V 0.01UF	C57-FC-M01-F-Y		
	C713	951 9003 780	ELECTROLYTIC 10 MFD 50V	C58-50-10-F-Y		
	C714	951 9003 780	ELECTROLYTIC 10 MFD 50V	C58-50-10-F-Y		
	C718	951 9003 696	ELECTROLYTIC 1 MFD 50V	C58-50-1-F-Y		
	C721	951 9003 421	ELECTROLYTIC 4700MFD 25V	C08-25-4K7T-Y		
	C722	951 9003 421	ELECTROLYTIC 4700MFD 25V	C08-25-4K7T-Y		
	C724	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C725	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C726	951 9001 711	CERAMIC TYPE 0.1UF	C57-MC-M1-F-Y		
	C727	951 9001 711	CERAMIC TYPE 0.1UF	C57-MC-M1-F-Y		
	C731	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C732	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C733	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C734	951 9001 711	CERAMIC 0.1UF	C57-MC-M1-F-Y		
	C737	951 9001 708	CERAMIC TYPE 50V 0.01UF	C57-FC-M01-F-Y		
	C738	951 9001 708	CERAMIC 50V 0.01UF	C57-FC-M01-F-Y		
	C739	951 9001 708	CERAMIC ERAMIC 50V 0.01UF	C57-FC-M01-F-Y		
	C740	951 9001 708	CERAMIC 50V 0.01UF	C57-FC-M01-F-Y		
	C801	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C802	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C803	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C804	951 9003 719	ELECTROLYTIC 47 MFD 25V	C58-25-47-F-Y		
	C805	951 9002 516	MONO CAP 0.22UF/50V	C88-50-M22-F-Y		
	C806	951 9002 516	MONO CAP 0.22UF/50V	C88-50-M22-F-Y		
	C807	951 9003 405	ELECTROLYTIC 2200MFD 10V	C08-10-2K2T-Y		
	C808	951 9003 405	ELECTROLYTIC 2200MFD 10V	C08-10-2K2T-Y		
	C825	951 9003 803	ELECTROLYTIC 220 MFD 25V	C58-25-220-F-Y		
	C827	951 9001 795	CERAMIC CHIP 470PF/50V	C70-1H3J-470-Y		

Saf	Ref. No.	Part No.	Part Name	Q'ty	Remarks	New
	C828	951 9001 795	CERAMIC CHIP 470PF/50V		C70-1H3J-470-Y	
	C829	951 9001 724	MYLAR FILM 0.1 MFD /100V		C60-FB-M1-F-Y	
	C830	951 9001 724	MYLAR FILM 0.1 MFD /100V		C60-FB-M1-F-Y	
	C831	951 9003 816	ELECTROLYTIC 2.7MFD/100V		DC58-100-2M7LKF	
	C832	951 9003 816	ELECTROLYTIC 2.7MFD/100V		DC58-100-2M7LKF	
	C901	951 9004 213	CERAMIC CHIP 200PF/50V		C70-1H3J-200-Y	
	C902	951 9004 213	CERAMIC CHIP 200PF/50V		C70-1H3J-200-Y	
	C903	951 9004 226	ELECTROLYTIC 47MFD/16V		C77-16-47D7-Y	
	OTHER PARTS GROUP					
	CF401	951 0020 500	CERAMIC FILTER SFZ450B	1	C41-028	
	CF402	951 0020 704	CERAMIC FILTER SFE 10.7MS3-A	1	C41-10.7MS3	
	CF403	951 0020 704	CERAMIC FILTER SFE 10.7MS3-A	1	C41-10.7MS3	
	CP400	951 0081 109	12PIN WIRE ASS'Y L=400MM (PH)	1	W04-2031-JMT-LF	
	CW021	951 0068 009	3PIN WIRE ASS'Y L=100MM (PH)	1	W04-1766-JMT-LF	
	CW023	951 0068 106	3PIN WIRE ASS'Y L=50MM (PH)	1	W04-1768-JMT-LF	
	CW022	951 0068 009	3PIN WIRE ASS'Y L=100MM (PH)	1	W04-1766-JMT-LF	
	CW031	951 0068 106	3PIN WIRE ASS'Y L=50MM (PH)	1	W04-1768-JMT-LF	
	CW032	951 0069 008	3PIN WIRE ASS'Y L=300MM (PH)	1	W04-1806-JMT-LF	
	CX021	951 0026 407	3P CONNECTOR BASE	1	G05-323-JMT-LF	
	CX022	951 0026 407	3P CONNECTOR BASE	1	G05-323-JMT-LF	
	CX023	951 0069 202	3P CONNECTOR BASE BU	1	G05-323-CSCBULF	
	CX031	951 0069 202	3P CONNECTOR BASE BU	1	G05-323-CSCBULF	
	CX032	951 0026 407	3P CONNECTOR BASE	1	G05-323-JMT-LF	
	CX033	GP38003045	6P CONNECTOR BASE	1	G05-324-JMT-LF	
	CX034	951 0025 903	4P CONNECTOR BASE	1	G05-241-JMT-LF	
	CX035	951 0069 309	4P CONNECTOR BASE (RED)	1	G05-241-CSCRDLF	
	CX042	GP38003043	4P CONNECTOR BASE	1	G05-487-JMT-LF	
	CX052	GP38003040	5P CONNECTOR BASE	1	G05-357-JMT-LF	
	CX061	GP38003045	6P CONNECTOR BASE	1	G05-324-JMT-LF	
	CX062	951 0069 105	6P CONNECTOR BASE	1	G05-324-CSCBULF	
	CX111	951 0068 203	11P WIRE ASS'Y L=150 (PH)	1	W04-1769-JMT-LF	
	CX121	951 0081 604	12P CONNECTOR BASE	1	G05-549-JMT-LF	
	CX151	951 0026 805	16P FFC BASE (P=1)	1	G05-547	
	CX161	951 0026 805	16P FFC BASE (P=1)	1	G05-547	
	CX401	951 0025 000	3P WIRE ASS'Y L=350 (EH)	1	W04-1666-JMT-LF	
	CX403	951 0067 602	3P WIRE ASS'Y L=350MM (XH)	1	W04-1729-JMT-LF	
	CY042	951 0067 806	4P WIRE ASS'Y L=350 (PH)	1	W04-1765-JMT-LF	
	CY052	951 0067 709	5P WIRE ASS'Y L=450 (PH)	1	W04-1764-JMT-LF	
	CY111	951 0068 300	11P CONNECTOR BASE	1	G05-278-JMT-LF	
⚠	F701	GP38003001	FUSE 2.5A/250V	1	G14-SB-064-B-1	
⚠	F702	951 0017 801	FUSE 4A/125V	1	G14-SB-071-B	
	JK1	951 0059 607	4P ANT TERMINAL	1	C01-131	
	JK301	951 0059 801	MINI JACK	1	C14-HTJ03517A	
	JK302	951 0059 704	1P PIN JACK	1	C14-RS-146-BK	
	JK303	951 0010 808	MINI JACK	1	C14-ST-029B03	
	JP3	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP4	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP10	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP11	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP12	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP13	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP14	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP23	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP24	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP25	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP40	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP41	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP42	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP43	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	
	JP44	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y	

Saf	Ref. No.	Part No.	Part Name	Remarks		Q'ty	New
	JP45	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y		
	JP402	951 9002 600	Carbon chip 0 ohm 1/16W	1	C69-C3J-0-Y		
	JP600	951 0025 709	5P CONNECTOR BASE	1	G05-212-JMT-LF		
	L103	951 0063 402	INDUCTOR 2.2UH	1	C87-048		
	L104	951 0063 402	INDUCTOR 2.2UH	1	C87-048		
	L105	951 0063 402	INDUCTOR 2.2UH	1	C87-048		
	L106	951 0063 509	INDUCTOR 1UH	1	C87-087		
	L107	951 0063 402	INDUCTOR 2.2UH	1	C87-048		
	L109	951 0069 707	BEAD INDUCTOR	1	C52-005		
	L301	951 0069 707	BEAD INDUCTOR	1	C52-005		
	L404	951 0063 305	INDUCTOR 100UH	1	C87-039		
	RF401	951 0046 513	FM TUNER PACK	1	C45-KST-F404VA-11		
	S603	951 0062 005	TACT SWITCH	1	C22-213-C		
	S604	951 0010 905	TACT SWITCH	1	C22-159-C		
	S605	951 0010 905	TACT SWITCH	1	C22-159-C		
	S606	951 0010 905	TACT SWITCH	1	C22-159-C		
	S607	951 0010 905	TACT SWITCH	1	C22-159-C		
	S609	951 0010 905	TACT SWITCH	1	C22-159-C		
	S612	951 0010 905	TACT SWITCH	1	C22-159-C		
	S613	951 0062 005	TACT SWITCH	1	C22-213-C		
	S615	951 0062 005	TACT SWITCH	1	C22-213-C		
	S617	951 0062 005	TACT SWITCH	1	C22-213-C		
	S618	951 0010 905	TACT SWITCH	1	C22-159-C		
	S619	951 0062 005	TACT SWITCH	1	C22-213-C		
	T401	951 0019 508	AM IF COIL	1	C12-838215		
	T402	951 0069 901	AM ANTENNA COIL	1	C12-862819		
	T403	951 0070 000	AM OSCILATOR COIL	1	C12-862820		
	T404	951 0019 207	FM DET IFT COIL	1	C12-838210		
	TC401	951 0020 005	TRIMMER CLOUR CODE WHITE	1	C36-1TP10-S		
	W1	951 0025 819	3P CONNECTOR BASE	1	G05-222-JMT-LF		
	W2	951 0026 216	3P CONNECTOR BASE	1	G05-557-JWT-LF		
	W104	951 0070 107	4P CONNECTOR BASE	1	G05-604-LF		
	X101	951 0081 303	CRYSTAL 16.9344 MHz	1	C41-055-49US-SIL		
	X600	951 0081 400	CRYSTAL 16 MHz	1	C41-145-49US-SIL		
	X901	951 0081 507	CERAMIC FILTER	1	C41-018-C		
	XTL401	951 0020 801	CRYSTAL 7.2000MHZ	1	C41-111-49U-SIL		
		951 0023 808	FUSE LABEL 4A/125V	1	P05-2738-A		
		951 0023 824	FUSE LABEL 2.5A/250V	1	P05-2739-A		
		951 0038 301	COVER SEVER	8	C46-4-10		
		-	UL PVC TUBE	1	G08-035		
		-	UL PVC TUBE	1	G08-039		
		GP3 8003 011	FUSE HOLDER	4	M04-035S		
		951 9001 070	SCREW 3 X 6 BH/ST TYPE 'F'	4	M19-088		
		-	HEAT SINK	1	G07-199		
		951 0065 507	HEAT SINK BRACKET (L)	1	M02-1533-A		
		951 0065 701	HEAT SINK BRACKET (R)	1	M02-1538-A		
		951 9001 151	SCREW TAP TITE 3 X 8 BH/ST TYPE 'P'	6	M19-014W		
		951 9001 216	SCREW 3X10 RW/ST TYPE 'P'	2	M19-178		
		GP3 8005 018	SOLDERING LUG	1	M27-045		
		-	WIRE L=100 (BLACK)	1	W31-BK-0100		
		951 0070 505	RUBBER FOAM	1	G03-221-A		
		951 0070 602	FERRITE CORE	3	C52-014		
		951 0071 708	FERRITE CLAMP	1	C52-015		
		951 0064 207	PCB BRACKET	2	M02-1563		
		-	WIRE L=30 (BLACK)	1	W55-BK-0030		
		951 0069 503	6P WIRE ASS'Y L=200 (PH)	1	W04-1779-JMT-LF		

EXPLODED VIEW

Parts List



WARNING:
Parts marked with this symbol  have critical characteristics.
Use ONLY replacement parts recommended by the manufacturer.

 印の部品は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

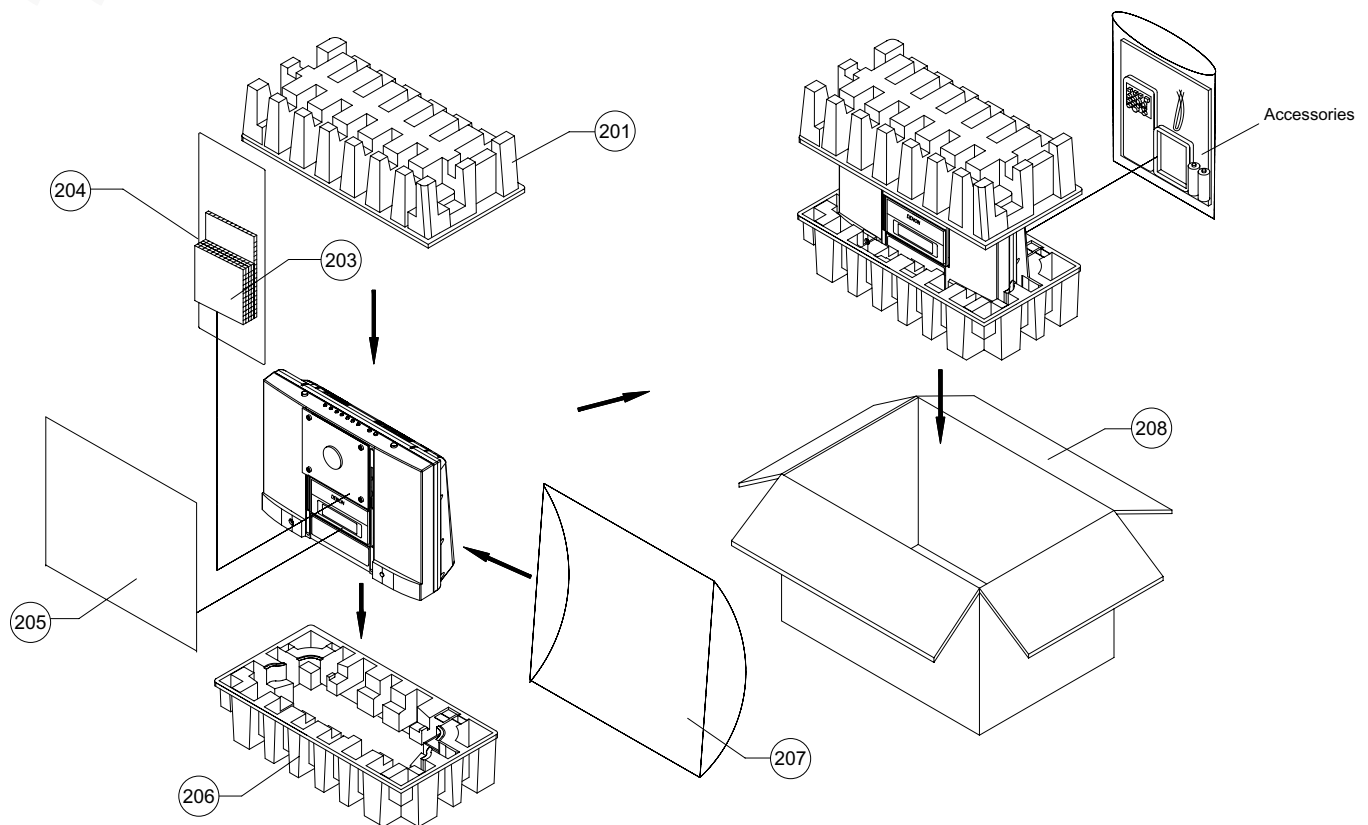
PARTS LIST OF EXPLODED VIEW

Saf.	Ref. No.	Part No.	Part name	Remarks	Q'ty	New
	18	951 0079 302	SENSOR BOARD	AJ03-SENSOR	1	
	24	951 0079 001	POWER KEY BOARD	AJ03-PWR-KEY	1	
	25	951 0078 905	HEADPHONE BOARD	AJ03-JACK-BD	1	
	51	951 0078 219	AMP BOARD	AJ03SRE3-AMP-BD	1	
	78	951 0078 316	TUNER BOARD	AJ03SRE3-TUNER	1	
	80	951 0078 808	ANT.JACK BOARD	AJ03-ANT-BD	1	
	81	951 0078 701	AUX JACK BOARD	AJ03-AUX-BD	1	
	90	951 0078 413	MAIN BOARD	AJ03-MAIN-BD	1	
	91	951 0078 604	OPEN/CLOSE BOARD	AJ03-OC-KEY	1	
	93	951 0078 510	FUNCTION KEY BOARD	AJ03SRE3-FUN-KEY	1	
	1	951 0076 114	CD DOOR ASSY	AJ03W-CD-DOOR	1	
	2	-	CD DOOR CAP BASE	M02-1524	1	
	3	-	CD DOOR LENS	A05-534L0LA	1	
	4	951 9002 532	SCREW 4 X 5 HEX SOCKET HEAD ISO	M18-272-A	4	
	5	951 0071 601	PVC SHEET 0.5 X 90 X 180 MM	A18-688	1	
	6	951 9001 216	SCREW 3 X 10 RW/ST TYPE 'P'	M19-178	2	
	7	103 1765 025	SPEAKER GRILLE LEFT	DG01-077-SV	1	
	8	-	CD DOOR ACY PLATE (M03-980A0C)	A18-683A0C	1	
	9	951 9003 858	SCREW 2.6 X 5 BH/ST TYPE 'B' (BK)	M19-307-NI	2	
	10	951 9001 290	SCREW FH/ST M1.4 X 7 TYPE 'P'	M19-375	4	
	11	951 0065 109	CD DOOR BRACKET	M02-1527-SV	1	
	12	951 0079 218	DISPLAY LENS	A05-559L0V	1	
	13	103 1764 026	SPEAKER GRILLE RIGHT	DG01-078-SV	1	*
	14	951 0079 409	NORTON PVC SELANT V782	P06-242	3 M	
	15	GP3 8009 004	TAP TITE SCREW 3 X 10 BH/ST TYPE 'P'	M19-018W	38	
	16	951 0058 705	REMOTE LENS	A05-533AAC	1	
	17	951 0076 402	SPEAKER COVER(RIGHT)	M05-V378-VA1B	1	
	19	GP3 8009 002	SCREW 3 X 8 BH/ST TYPE 'P'	M19-014W	43	
	20	951 0081 701	FRONT PANEL	M13-V697U0V	1	
	21	951 0081 808	UNDER PLATE	A14-1673LOV	1	*
	22	131 0157 008	NAME PLATE	DA07-205	1	
	23	951 0076 800	POWER/CD OPEN KNOB	A19-321S1K	2	
	26	951 9002 105	SCREW TAP TITE 3X12 BH/ST TYPE 'P'	M19-016W	4	
	27	951 9002 558	SCREW 2 X 6 RH/ST TYPE 'P'	M19-227	8	
	28	951 0081 905	FUNCTION KNOB	A21-989S1K	1	
	29	951 0058 802	VOLUME KNOB	A02-142	2	
	30	951 0071 106	FELT PAPER	P06-593	2	
	31	951 0076 509	SPEAKER COVER(LEFT)	M05-V377-VA1B	1	
	32	951 9001 067	SCREW 2 X 8 BH/ST TYPE 'B'	M19-153	4	
	33	951 0065 206	GEAR SLIDE BRACKET LEFT	M02-1528-1	1	
	34	951 0066 506	SLIDE GEAR (LEFT)	M06-114-1	1	
	35	951 9001 229	SCREW 2 X 5 RH/ST TYPE 'F'	M19-180	4	
	36	951 0077 003	SLIDE (LEFT)	M02-1525-AAN	1	
	37	951 9001 287	SCREW 1.4 X 6 BH/ST TYPE 'P'	M19-374	8	
	38	951 0034 509	SLIDE SPRING PLATE	A17-140-A	2	
	39	951 9001 410	'E' RING M3 X 0.6 X 7 #205-3	M17-041	2	
	40	951 0066 108	DRIVER GEAR LEFT	M06-110-A	1	
	41	951 0070 505	RUBBER FORM 7*7*8mm	G03-221-A	1	
	42	951 0064 605	CD BRACKET UPPER	M02-1522-A	1	
	43	951 0064 508	CD BRACKET LOWER(A)	M02-1521-A	1	
	45	951 0066 700	CUSHION HOLDER	M11-409-A	2	
	46	462 0167 002	CD CUSHION (BLUE) DAMPER(A)	DG03-216	3	
	47	951 9002 561	SCREW 3 X 18 RH/ST TYPE 'F'	M19-266	2	
	48	337 0104 002	DENON VERTICAL CD MECH(SHARP)	DM40-1-108	1	
	49	951 0071 902	SUPPORT BRACKET	M02-1581	1	
	50	951 9001 070	SCREW M3 X 6 BH/ST TYPE 'F'	M19-088	4	
	52	951 0065 701	HS LEFT BRACKET	M02-1538-A	1	
	53	951 0065 507	HS BRACKET	M02-1533-A	1	

Saf.	Ref. No.	Part No.	Part name	Remarks	Q'ty	New
	54	-	HEAT SINK	G07-199	1	
	55	951 0065 604	TRANSFORMER BRACKET	M02-1534-A	1	
	56	951 0077 207	GEAR ROD LEFT/RIGHT	M25-381-2	2	
	58	951 0077 304	SLIDE (RIGHT)	M02-1526-ABN	1	
	59	951 0067 204	GEAR SHAFT	M25-380-A	1	
	60	GP3 8009 007	SCREW 2.6 X 8 BH/ST TYPE 'P'	M19-072W	2	
	61	951 0067 000	GEAR SHAFT	M21-202	1	
	62	951 0066 205	FOLLOWER GEAR	M06-111	1	
	63	951 0003 213	PVC-CLIP #1301-10 0.3 X 1.5 X 3.5	M27-208	1	
	64	951 0066 302	GEAR DRIVER RIGHT	M06-112	1	
	65	951 9002 529	SCREW M6 X 44 RH/ISO	M18-270-KW	1	
	66	951 9003 955	PLASTIC RING	M17-084-A	1	
	67	951 9003 968	METAL WASHER 13 X 6.1 X 0.7=H	M27-302-KW	1	
	68	951 0003 307	#CD BELT(DIA. 49.1 X 66.5) T=1.8	S05-123	1	
	69	951 0066 409	PULLEY GEAR	M06-113	1	
	70	951 9001 054	SCREW M2.6 X 5 X P0.45 BH/ISO(BK)	M18-135	2	
	71	951 0003 404	MOTOR 9V RF-500TB-12560A	S05-204-K	1	
	72	951 0077 401	CHASSIS	M02-1523-A4B	1	
	73	951 0077 508	SLIDE GEAR (RIGHT)	M06-115-1	1	
	74	951 0065 303	GEAR SLIDE BRACKET RIGHT	M02-1529-1	1	
△	75	951 0082 001	POWER TRANSFORMER	C23-80-U390	1	
	76	951 0066 807	HANDLE	M11-V410SOL	1	
	77	951 0064 304	CORD BUSH BRACKET	M02-1502-A	1	
	79	951 0064 207	PCB BRACKET	M02-1563	2	
	82	GP3 8001 056	STRAIN RELIET	M24-005	1	
	83	GP3 8009 005	4737002018 SCREW 3 X 8 BH/ST TYPE 'F'	M19-097	2	
△	84	951 0071 300	POWER CORD	W04-1474-C-1	1	
	85	951 9003 971	SCREW 3 X 30 BH/ST TYPE 'P'	M19-390W	14	
	86	393 6025 004	LCD DISPLAY	DC45-DISPLAY-B	1	
	89	951 1003 887	SCREW 3 X 8 RH/ST TYPE 'P'	M19-246W	2	
	92	951 0077 906	REAR	M03-V1033SOL	1	
	95	951 0064 100	RUBBER FOOT 17.5 X 3MM	G03-140-A	4	
	96	951 0064 401	CD BRACKET LOWER B	M02-1520	1	
	97	951 9003 984	SCREW 3 X 10 BH/ST TYPE 'F'	M19-107	4	
	101	951 9001 180	SCREW 3 X 8 BH/ST TYPE 'P' BK	M19-146W	3	
	102	421 0618 000	4210618000 PULLEY	M20-034	1	
	103	951 9003 861	SCREW 2 X 8 RH/ST TYPE 'P' W/WASHER	M19-394	1	
	104	304 0423 000	SPEAKER TWEETER	DM39-368	2	
	105	302 0168 000	3"WOOFER	DM39-354	2	
	106	462 0168 001	CD CUSHION (GREEN) DAMPER(B)	DG03-215	2	
	107	951 9001 504	METAL WASHER #104H-3(1 X 3.3 X 12.1)	M27-108	2	
	108	951 9003 874	SCREW 2 X 4 FH/ST TYPE 'F'	M19-392	8	
	109	951 0071 407	CD SUPT CUSHION	G03-219	4	
	110	951 0082 108	WEIGHT	A17-157	1	
★	115	951 0067 505	DETECTOR SWITCH	C22-265	2	
★	116	951 9003 900	UL PVC TUBE L=12	G08-039	1	
★	117	951 9003 913	UL PVC TUBE L=14	G08-046	1	
★	118	951 9003 939	UL PVC TUBE L=16	G08-047	1	
★	119	-	HEAT SHRINKABLE TUBE	G08-058	1	
★	120	951 9003 942	UL TUBE DIA	G08-113	1	
★	121	-	CABLE TIE L=100	G10-042	16	
★	122	951 0033 704	CLOSED END CONNECTOR	M04-029	2	
★	123	951 9003 955	PLASTIC RING	M17-084AAI	1	
★	124	951 9001 300	COLLAR	M25-353	2	
★	125	951 0067 107	BUSH	M25-379-A	2	
★	126	GP3 8005 018	SOLDERING LUG	M27-045	2	
★	127	GP3 8005 019	SOLDERING LUG	M27-222	2	
★	114	951 0079 506	CORD HOLDER L=38	M27-305	1	
★	128	951 0079 700	CAUTION SHEET	P05-2719	1	
★	129	451 0072 406	CAUTION LABEL	P05-2781	1	

Saf.	Ref. No.	Part No.	Part name	Remarks	Q'ty	New
★	130	951 0079 409	NORTON PVC SELANT	P06-242	1	
★	134	951 0072 202	6P WIRE ASS'Y L=80/150/250 (PH)	W04-1623-JMT-LF	1	
★	133	951 0067 903	6P WIRE ASS'Y L=180 (MX-PH)	W04-1767-JMT-LF	1	
★	131	951 0072 008	4P WIRE ASS'Y L=320	W04-1776-JMT-LF	1	
★	132	951 0072 105	4P WIRE ASS'Y L=520	W04-1777-JMT-LF	1	
★	135	-	WIRE L=50 (BLACK)	W31-BK-0050	1	
★	136	-	WIRE L=250 (BLACK)	W31-BK-0250	1	
★	137	951 0018 907	16P FFC CABLE	W65-16C-0080-SHS	1	
★	138	951 0079 603	28P FFC CABLE	W65-28C-0120SHS	1	

PACKING VIEW



PARTS LIST OF PACKING & ACCESSORIES

Saf.	Ref. No.	Part No.	Part name	Remarks		Q'ty	New
	201	951 0075 704	CUSHION(B) TOP	CD DOOR FRONT	P06-661	1	
	202	-	FILLER		P06-675		
	203	951 0076 004	CD DOOR SUPPORT+FILLER		P06-663	1	
	204	951 0075 908	P.E SHEET 180MM X 330MM		K05-448	1	
	205	951 0007 604	P.E. FOAM SHEET 440 X 330		K05-333	1	
	206	951 0075 801	CUSHION(A) BOTTOM	SET	P06-660	1	
	207	951 0007 400	POLYBAG 24X24"		K04-170WR(H)	1	
	208	951 0075 047	MASTER CARTON		K01-1931-E3CL	1	*
★	209	951 0044 201	AM ANT LOOP ASS'Y		C50-009-SEMIB	1	
★	210	951 0058 022	REMOCON(RC-911)		DAJ03E3-TX	1	
★	211	-	SERIAL LABEL ASS'Y		P09-2106	1	
★	212	-	BATTERY SIZE AA		B01-002-T-1	2	
★	213	515 0867 101	Service station list (EX)		DP08-390-A	1	
★	214	515 0690 404	DEL warranty home		DP05-2323-3	1	
★	215	951 0058 501	FM ANTENNA		W04-573-P	1	
★	216	951 0007 303	POLYBAG 10X14		K04-065WR(H)	1	
★	217	951 0007 507	POLYBAG 6.5X11		K04-192WR(H)	1	
★	218	951 0075 115	INSTRUCTION MANUAL (E3)		P02-629L3	1	*
★	219	951 0075 319	RATING SHEET		P05-3103	1	*
★	220	-	UPC LABEL		P05-3105	2	*

KEY



NOTE FOR SCHEMATIC DIAGRAM

WARNING:

Parts marked with this symbol  have critical characteristics.

Use ONLY replacement parts recommended by the manufacturer.

CAUTION:

Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power cord is less than 460 kohms, the unit is defective.

WARNING:

DO NOT return the unit to the customer until the problem is located and corrected.

NOTICE:

ALL RESISTANCE VALUES IN OHM. k=1,000 OHM

M=1,000,000 OHM

ALL CAPACITANCE VALUES IN MICRO FARAD.

P=MICRO-MICRO FARAD

EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT CONDITION.

CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR NOTICE.

配線図について

 印の部品は安全を維持するために重要な部品です。従って交換時は必ず指定の部品を使用してください。

注)

- (1) 指定なき抵抗値は Ω 、k は $k\Omega$ 、M は $M\Omega$ を示す。
- (2) 指定なきコンデンサーの値は μF 、p は pF を示す。
- (3) 各部の電圧は無信号の値を示す。
- (4) この配線図は基本配線図です。改良等のため変更することがありますのでご了承ください。

1

2

3

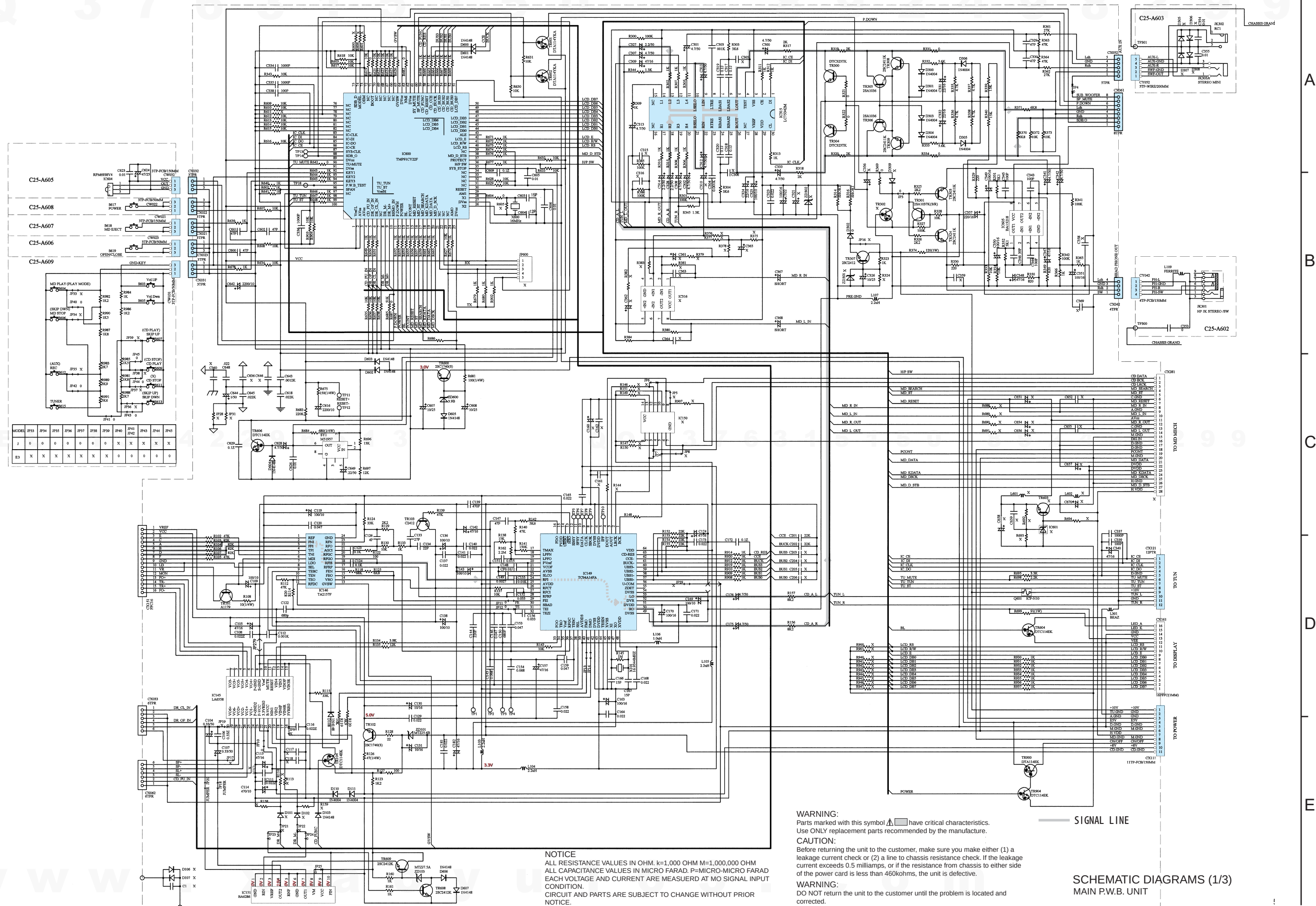
4

5

6

7

8



NOTICE
ALL RESISTANCE VALUES IN OHM. $k=1,000$ OHM $M=1,000,000$ OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. $P=$ MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
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WARNING:
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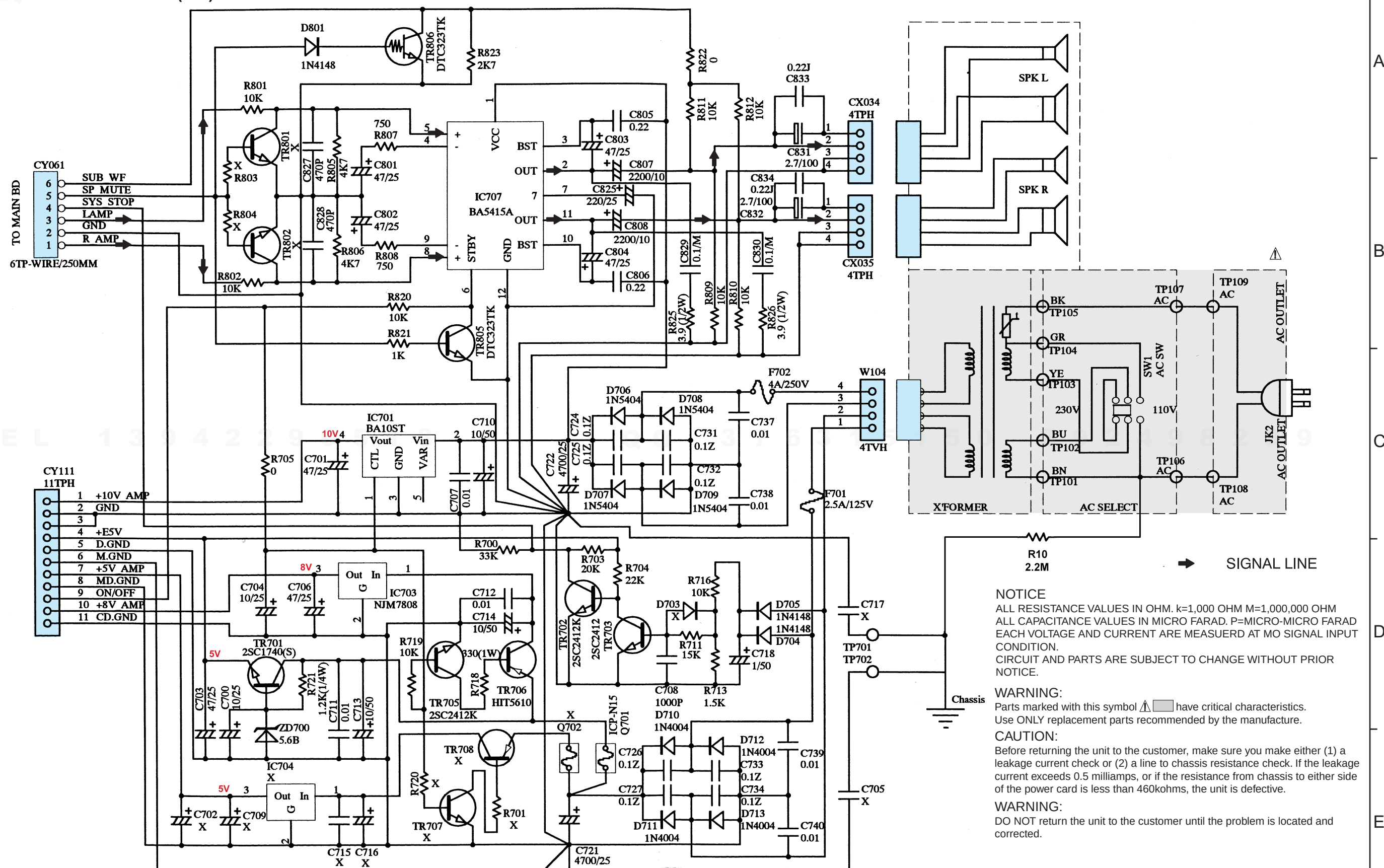
CAUTION:
Before returning the unit to the customer, make sure you make either (1) a leakage current check or (2) a line to chassis resistance check. If the leakage current exceeds 0.5 milliamps, or if the resistance from chassis to either side of the power card is less than 460kohms, the unit is defective.

WARNING:
DO NOT return the unit to the customer until the problem is located and corrected.

— SIGNAL LINE

SCHEMATIC DIAGRAMS (1/3)
MAIN P.W.B. UNIT

SCHEMATIC DIAGRAMS (2/3)



NOTICE
ALL RESISTANCE VALUES IN OHM. k=1,000 OHM M=1,000,000 OHM
ALL CAPACITANCE VALUES IN MICRO FARAD. P=MICRO-MICRO FARAD
EACH VOLTAGE AND CURRENT ARE MEASURED AT NO SIGNAL INPUT
CONDITION.
CIRCUIT AND PARTS ARE SUBJECT TO CHANGE WITHOUT PRIOR
NOTICE.

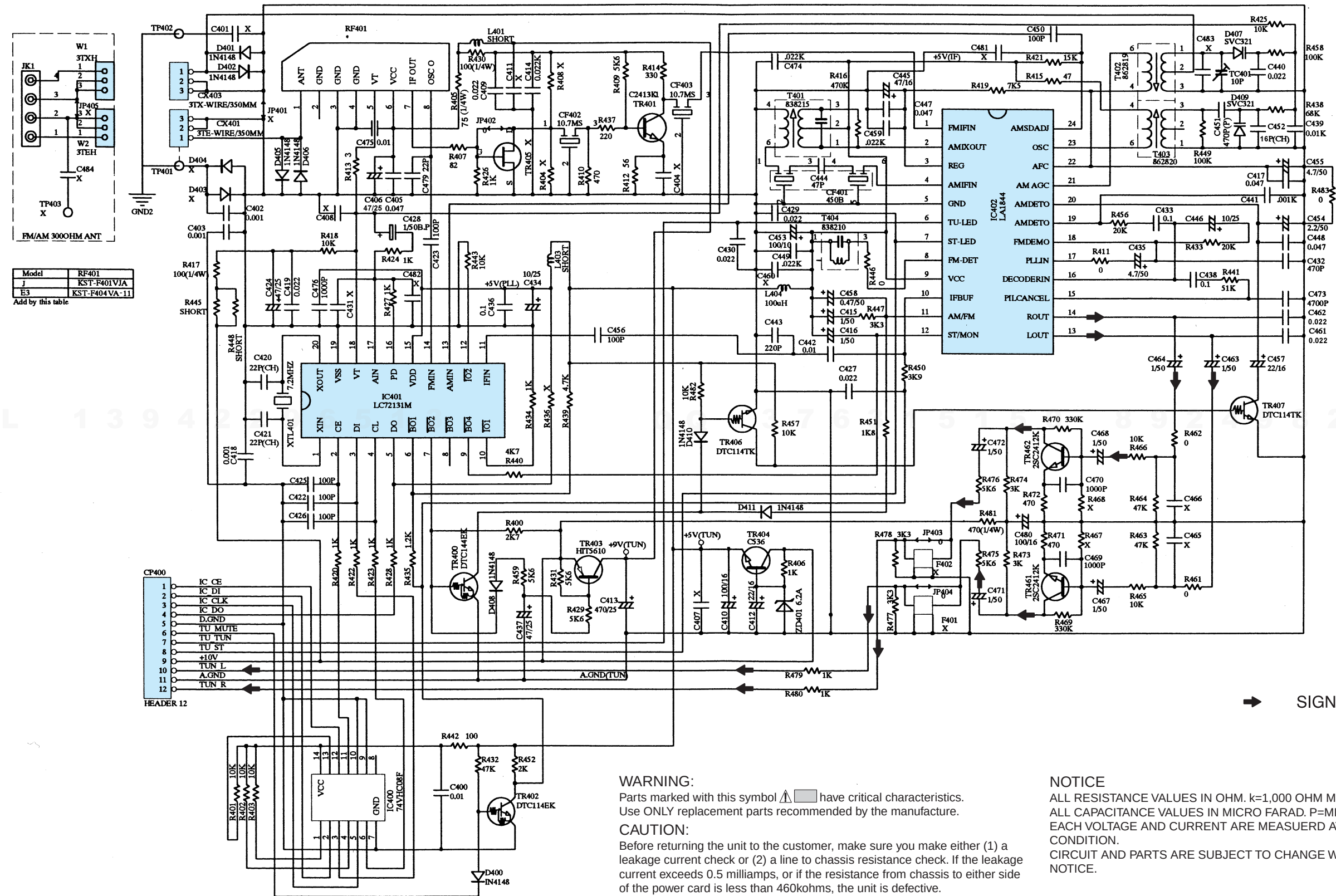
WARNING:
Parts marked with this symbol  have critical characteristics.
Use ONLY replacement parts recommended by the manufacture.

CAUTION:
Before returning the unit to the customer, make sure you make either (1) a
leakage current check or (2) a line to chassis resistance check. If the leakage
current exceeds 0.5 milliamps, or if the resistance from chassis to either side
of the power card is less than 460kohms, the unit is defective.

WARNING:
DO NOT return the unit to the customer until the problem is located and
corrected.

SCHEMATIC DIAGRAMS (2/3)
POWER/SUPPLY P.W.B. UNIT

SCHEMATIC DIAGRAMS (3/3)



SCHEMATIC DIAGRAMS (3/3)
TUNER P.W.B. UNIT