

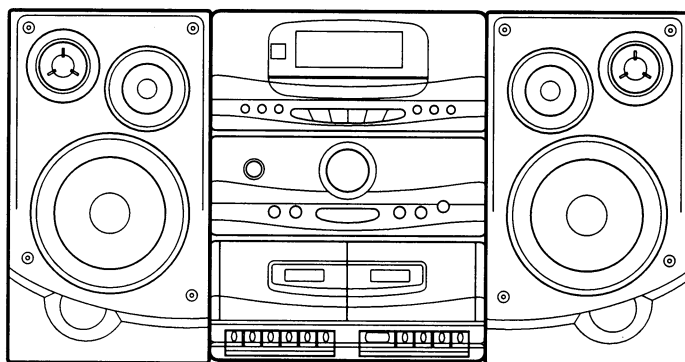
DAEWOO

Service Manual

MINI COMPONENT SYSTEM

AMI-330

EASY CONTROL & MULTI DISPLAY LCD
4 EQ PRESET MODE-JAZZ/ROCK/CLASSIC/FLAT
DRAWER TYPE CDP & DOUBLE CASSETTE DECK
30 RANDOM STATION MEMORY TUNER
MOTORIZED VOLUME CONTROL

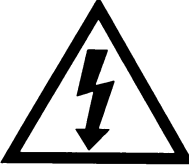


DAEWOO ELECTRONICS CO., LTD.

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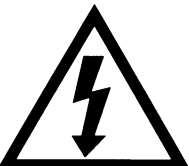
WARNING: TO PREVENT FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLI-
ANCE TO RAIN OR MOISTURE.



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION : TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF
UNINSULATED "DANGEROUS VOLTAGE" WITHIN THE PRODUCT'S ENCLO-
SURE THAT MAY BE OF SUFFICIENT MAGNITUDE TO CONSTITUTE A RISK
OF ELECTRIC SHOCK TO PERSONS.



THIS SYMBOL IS INTENDED TO ALERT THE USER TO THE PRESENCE OF
IMPORTANT OPERATING AND MAINTENANCE (SERVICING) INSTRUCTIONS
IN THE LITERATURE ACCOMPANYING THE APPLIANCE.

CAUTION
TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED AC PLUG WITH AN EXTENSION
CORD, RECEPTACLE OR OTHER OUTLET UNLESS THE BLADES CAN BE FULLY INSERTED TO PRE-
VENT BLADE EXPOSURE.

LASER SAFETY

THIS UNIT EMPLOYS A LASER. ONLY A QUALIFIED SERVICE PERSONNEL SHOULD REMOVE THE
COVER OR ATTEMPT TO SERVICE THIS DEVICE DUE TO POSSIBLE EYE INJURY.
CAUTION : USE OF ANY CONTROLS, ADJUSTMENTS, OR PROCEDURES OTHER THAN THOSE
SPECIFIED HEREIN MAY RESULT IN HAZARDOUS RADIATION EXPOSURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY
INSERT.

ATTENTION : POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA
FICHE DANS LA BORNE CORRESPONDANTE DE LA PRISE ET POUSSER JUSQU'AU
FOND.

1. SPECIFICATIONS

- AMPLIFIER
OUTPUT POWER
SPEAKER
IMPEDANCE

: 5W × 2 RMS AT 10% THD
: 2 WAY SYSTEM (DYNAMIC WOOFER, TWEETER)
: 3.2 Ω

- TUNER
RECEIVING FREQUENCY RANGE

: FM 87.5-108 MHz
: AM (MW) 522-1620 kHz (EUROPE)
520-1720 kHz (UL, CSA)
153-281 kHz (OPTION)

ANTENNA

: FM 75 Ω EXTERNAL
AM FERRITE BAR ANT

- COMPACT DISC PLAYER
TYPE
QUANTIZATION
CHANNELS
TOTAL HARMONIC DISTORTION
WOW AND FLUTTER
PICK-UP

: COMPACT DISC PLAYER WITH OPTICAL PICK-UP
: 16 BIT LINER
: TWO CHANNELS (STEREO)
: 0.15% (1 kHz)
: UNMEASURABLE
: SEMICONDUCTOR LASER PICK-UP

- CASSETTE DECK
TAPE SPEED
TRACK SYSTEM
RECORDING SYSTEM
ERASING SYSTEM

: 4.8 cm/sec
: FOUR TRACKS TWO CHANNELS
: AC BIAS
: MAGNETIC ERASE

- GENERAL
TERMINAL
POWER SUPPLY

: HEADPHONE, SPEAKER, AUX IN JACK
: ~230V 50 Hz (EUROPE)
AC 120V 60Hz (UL, CSA)

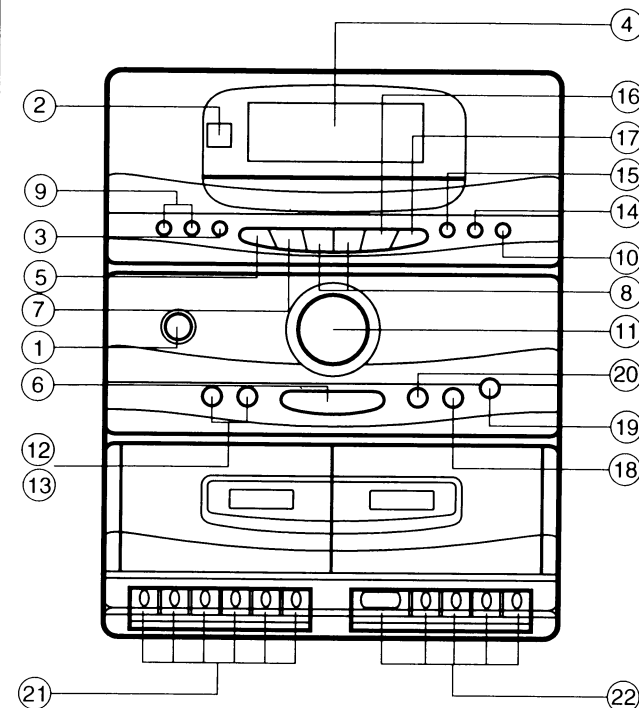
POWER CONSUMPTION
DIMENSION (W × H × D)

: 40 WATT
: UNIT : 262 × 340 × 266
: SPEAKER : 190 × 340 × 153
: UNIT : 5 KG
: SPEAKER : 2.5 KG × 2

WEIGHT

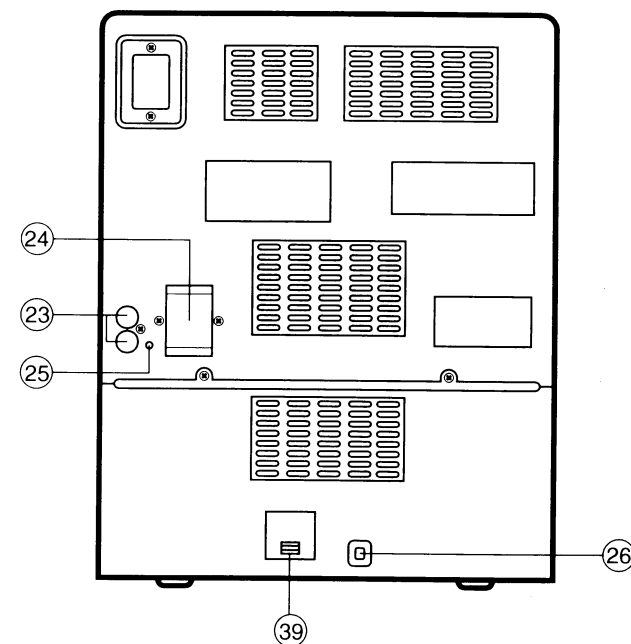
2. CONTROL FUNCTION

FRONT VIEW



- ① POWER SWITCH
- ② PEMOCON SENSOR
- ③ PROGRAM SWITCH (TUNER/CD)
- ④ LCD DISPLAY
- ⑤ BAND SWITCH FM → MW(AM) → LW
- ⑥ FUNCTION SWITCH TUNER → CD → TYPE → AUX
- ⑦ MONO/STEREO SWITCH
- ⑧ TUNER/CD → UP/DOWN SWITCH
- ⑨ PRESET UP/DOWN SWITCH
- ⑩ OPEN/CLOSE SWITCH
- ⑪ VOLUME CONTROL

BACK VIEW

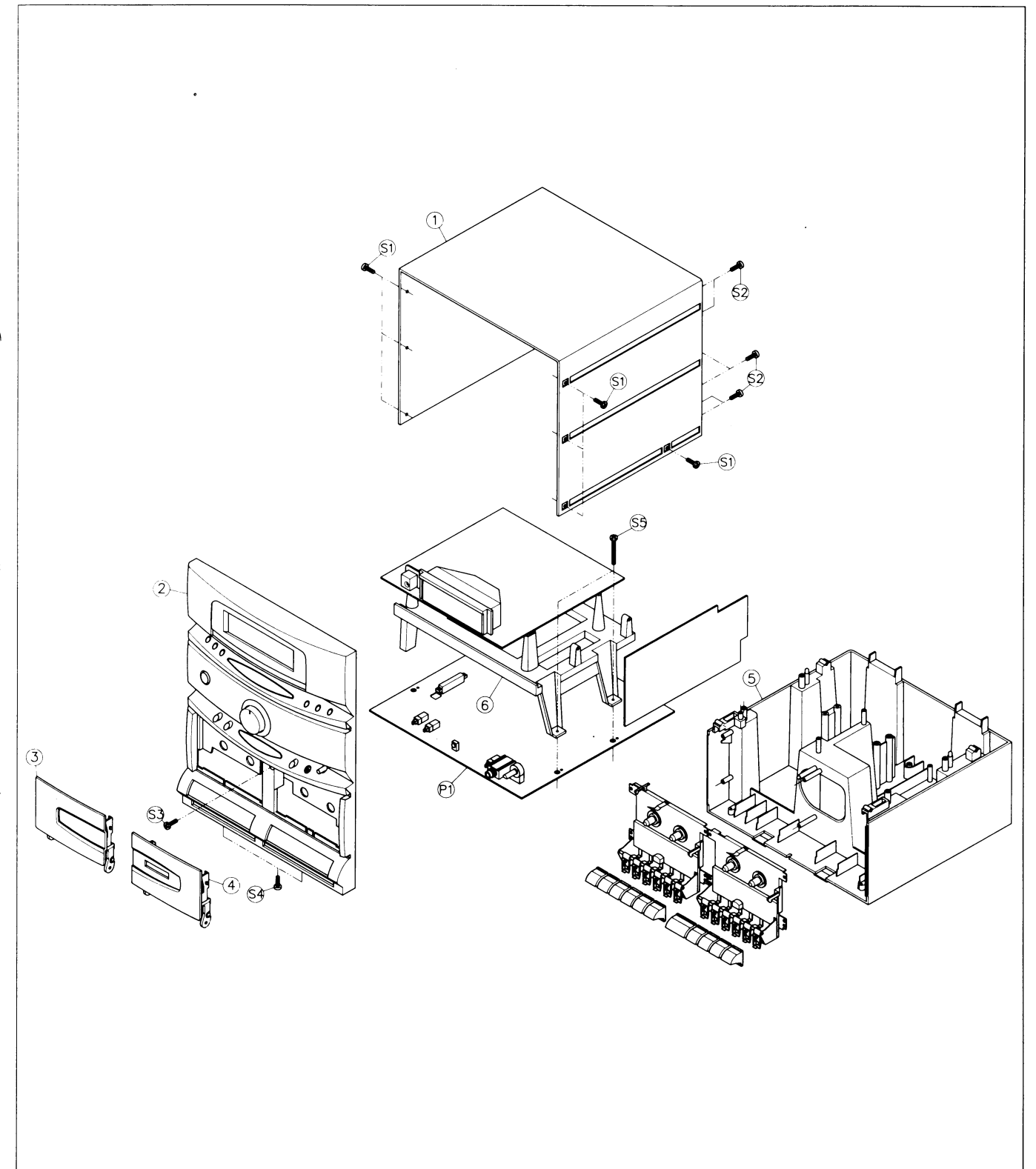


- ⑫, ⑬ EQ PRESET SWITCH (ROCK, JAZZ, CLASSIC, FLAT)
- ⑭ STOP/M CLEAR SWITCH
- ⑮ PLAY/PAUSE SWITCH
- ⑯ RANDOM PLAY SWITCH
- ⑰ REPEAT SWITCH
- ⑱ PHONE JACK
- ⑲ BALANCE CONTROL
- ⑳ HI-DUBBING SWITCH
- ㉑ A DECK BUTTON (REC, PLAY, REW, FF, STOP/EJECT, PAUSE)
- ㉒ B DECK BUTTON (PLAY, REW, FF, STOP/EJECT, PAUSE)
- ㉓ AUX INPUT JACK
- ㉔ SPEAKER JACK
- ㉕ RESET SWITCH
- ㉖ AC CORD
- ㉗ VOLTAGE SELECTOR SWITCH (OPTION)

3. DISASSEMBLY INSTRUCTIONS

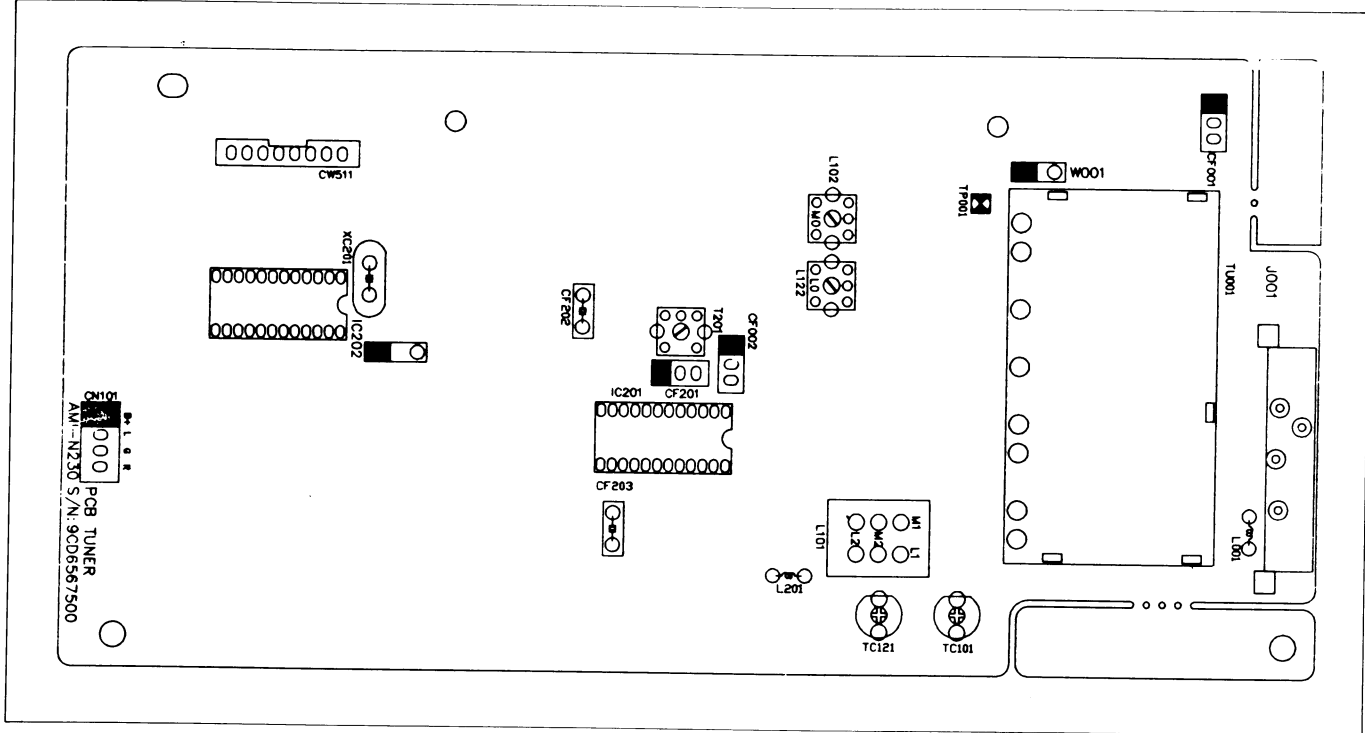
■ TOP AND BACK CABINET DISASSEMBLY

1. Remove nine screws A 1 in the back cabinet.
2. Remove six screws A2, A3 in the back cabinet.



4. ADJUSTMENTS

A. TUNER SECTION



1. TEST EQUIPMENT
- 1-1. Signal generator with a frequency range of at least from 153 kHz to 23 MHz AM.
- 1-2. Oscilloscope with a side amplifier of at approximately 100 kHz.
- 1-3. Test loop-a coil of any size wire, one turn of more (MW).
- 1-4. A 30 ohm dummy antenna.
2. AM ALIGNMENT
- 2-1. Turn on the AM signal generator and the VTVM allowing a fifteen-minute warm-up period.
- 2-2. Using the test loop across the output of the signal generator, inductively connect the signal generator to the radio.
- 2-3. Connect the VTVM across the headphone jack.
- 2-4. Set signal generator frequency as listed in alignment chart and maintain a sufficient output level to provide an indication on VTVM.

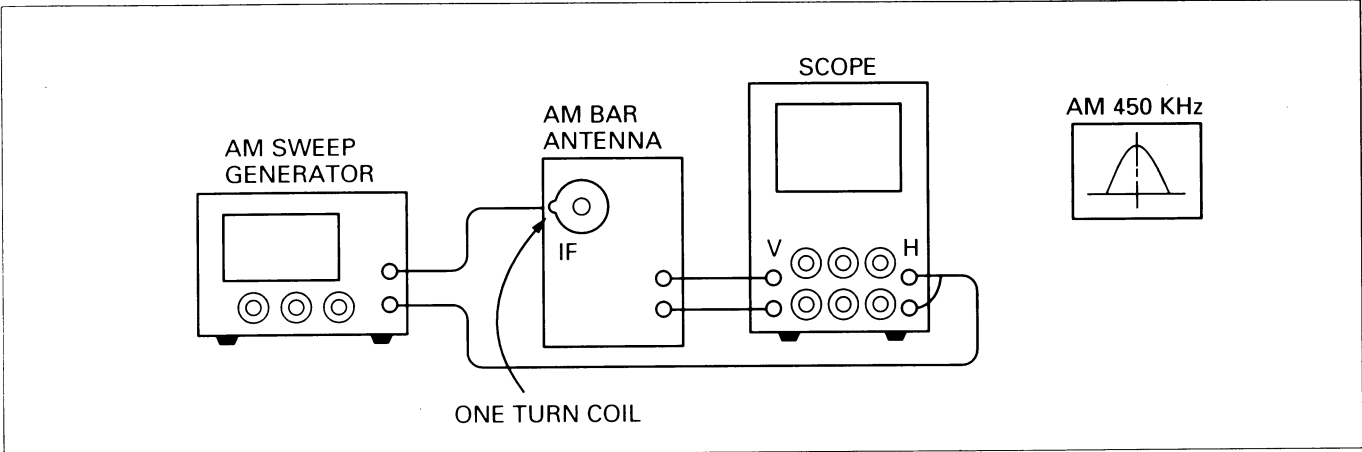
* NOTE :

(1) Use a screwdriver with plastic grip for all adjustments.

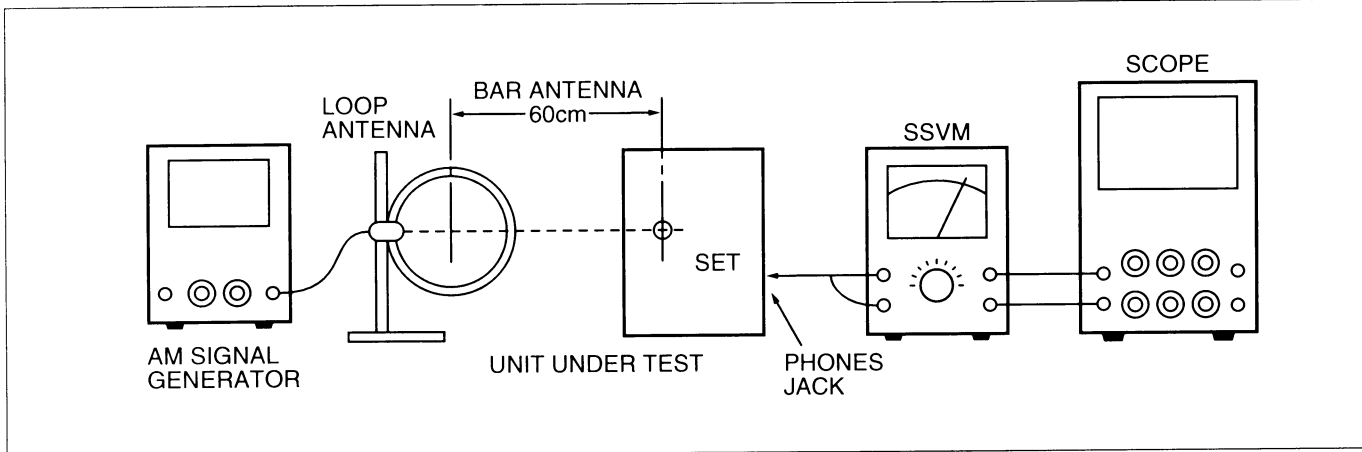
(2) Standard test frequency 400 Hz and modulation 30% for AM.

(3) Standard test frequency 1 kHz and deviation 22.5 kHz for FM.

■ MW IF ALIGNMENT



■ MW ALIGNMENT



■ AM RF ALIGNMENT CHART (IF)

Step	Item	Input Circuit Setup	Output Circuit Setup	Tuner Setting	Adi-Point	Adjustment
MW						
1	IF Adjustment	connect standard loop antenna to output terminal of genescope	Connect input terminal of genescope to detector output	MW in band end	T201	Adjust for max. amplitude with symmetrical 450 kHz.
2	MW Band		DC Voltage Meter VT (TP 001) and GND	531 kHz	L102	Adjust for Dc 1.1V ± 0.1V
3	Tracking (1)	600 kHz 400 Hz, 30% mod.	HEADPHONE JACK OR SPEAKER TERMINAL	600 kHz	L101	Adjust for max. output and best waveforms.
4	Tracking (2)	1400 kHz 400 Hz, 30% mod.	HEADPHONE JACK OR SPEAKER TERMINAL	1400 kHz	TC101	Same as above.
LW						
1	LW Band		DC Voltage Meter VT (TP001) and GND	153 kHz	L122	Adjust for CD 1.2V ± 0.1V
2	Tracking (1)	164 kHz 400 Hz, 30% mod.	HEADPHONE JACK OR SPEAKER TERMINAL	164 kHz	L101	Adjust for max. output and best waveforms.
3	Tracking (2)	263 kHz 400 Hz, 30% mod.	HEADPHONE JACK OR SPEAKER TERMINAL	263 kHz	TC121	Same as above.
4	Repeat steps 2 and 3.					

B. TAPE SECTION

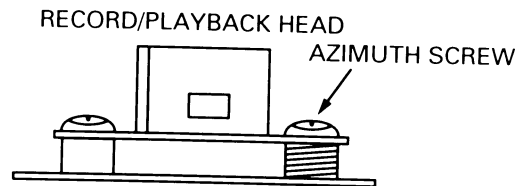
HEAD ADJUSTMENT (AZIMUTH)

10 kHz test tape (example : MTT-114N) must be used for this adjustment. Connect to VTVM or oscilloscope to the headphone JCK or speaker terminal. Press the play button. Adjust the azimuth by using a screw driver to maintain the maximum L & R output voltage. Adjust tape. Please secure the azimuth position by using locking paint.

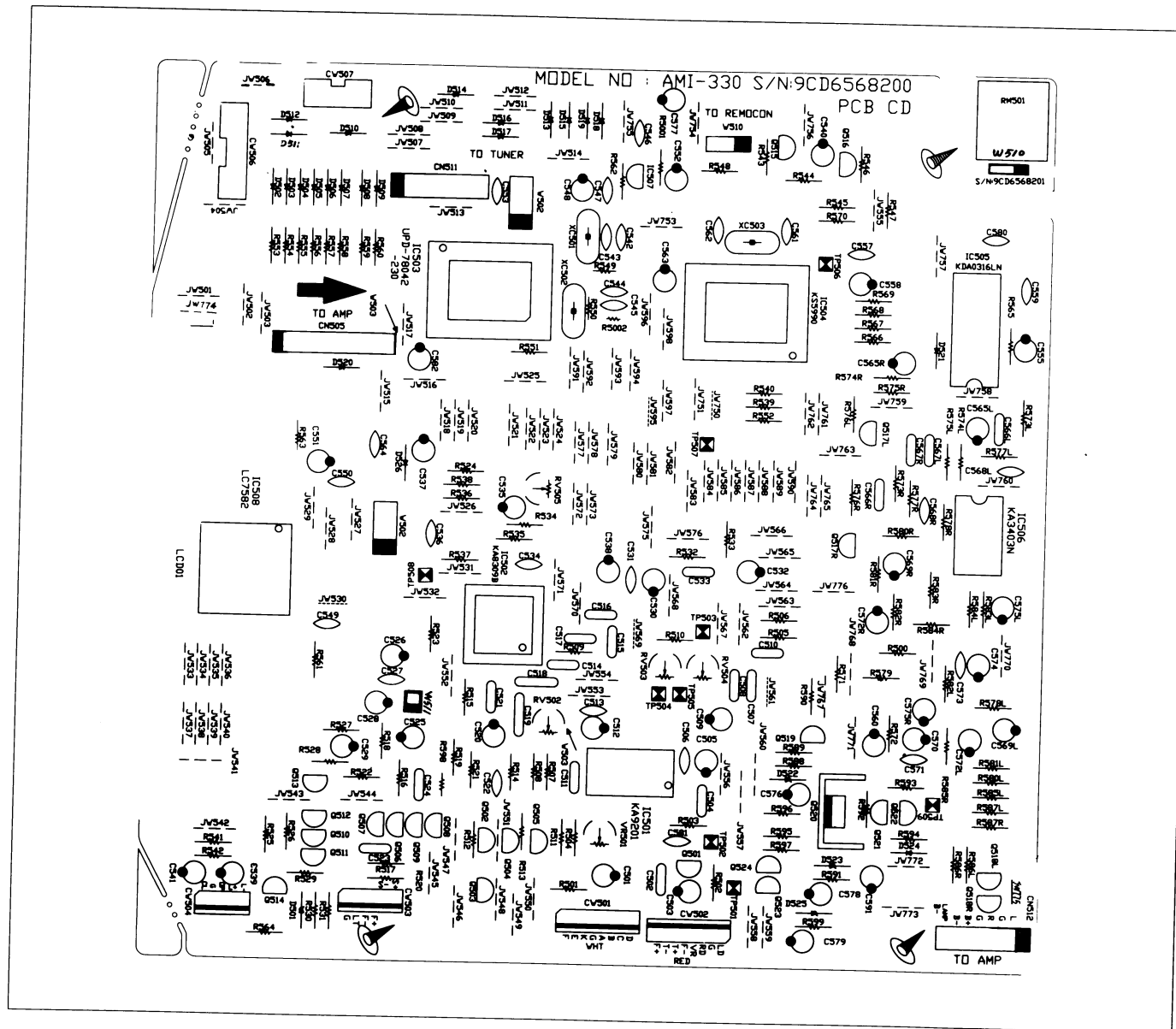
RECODING BIAS OSCILLATOR FREQUENCY ADJUSTMENT

Connect the frequency counter to RV601 two ends.
Press REC button of tape B.

Adjust L601 to obtain $85\text{kHz} \pm 100\text{Hz}$



C. CD SECTION



TEST POINT & VOLUME LOCATION

RV 502, FOCUS OFFSET (RF)	TP 502, TP 501 (GND)
RV 503, FOCUS GAIN	TP 504, TP 501 (GND)
RV 504, TRACKING GAIN	TP 505, TP 501 (GND)
RV 501, TRACKING BALANCE	TP 505, TP 501 (GND)
RV 505, PLL	TP 506, TP 501 (GND)

1. CHECKING POINT BEFORE ADJUSTMENT

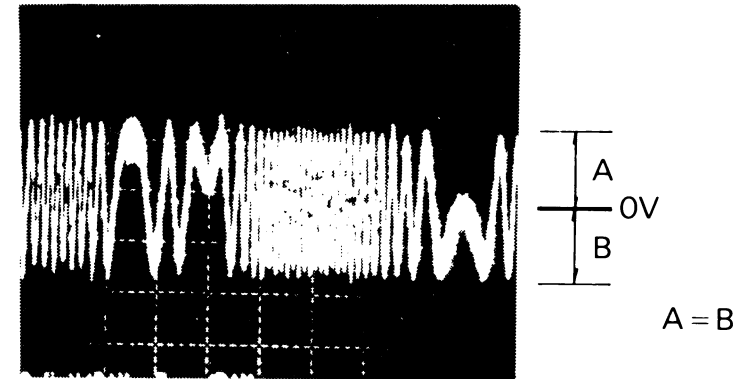
- 1) Laser on checking. (WITHOUT DISC)
- 2) Focus search checking. (WITHOUT DISC)

2. ADJUSTMENT MODE SET

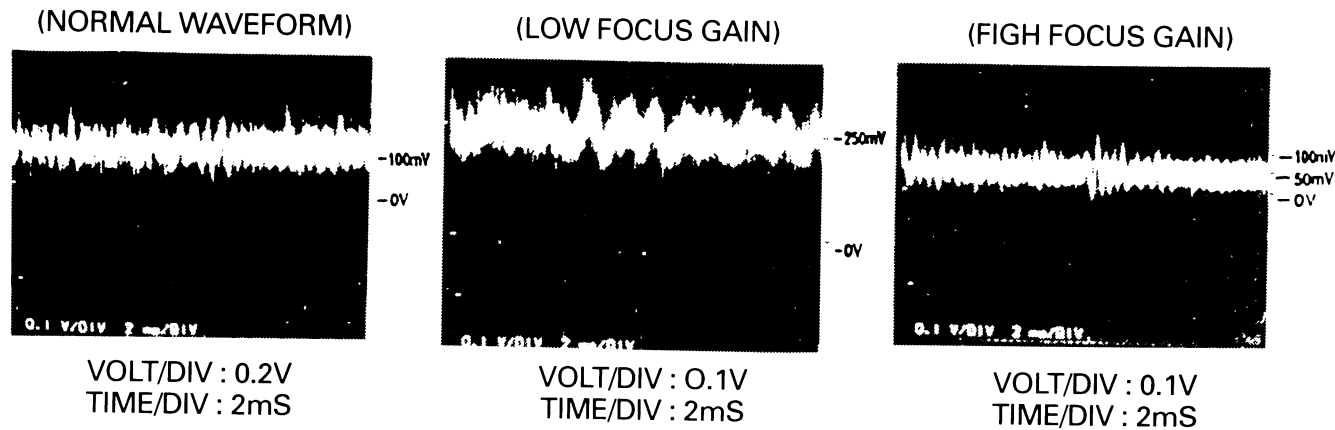
- 1) Set all of the adjustment volume to center position.
- 2) Use srdd 4-002 disc (or yeds-18) unless otherwise indicated.
- 3) Perform adjustment in the order given.

3. ADJUSTMENT

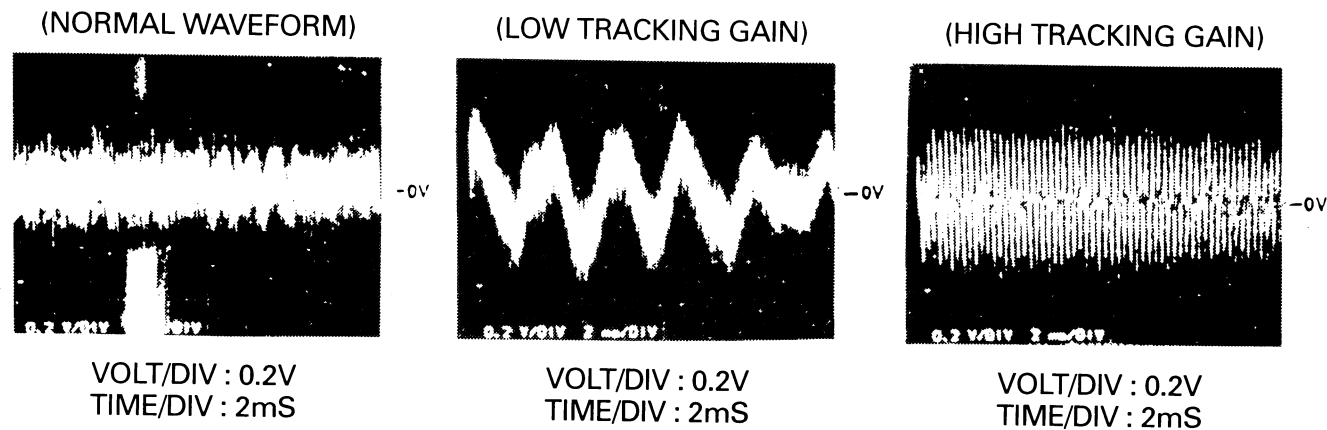
- 1) PLL adjustment
 - (1) Connect the frequency counter with TP 506 and the ground of the frequency counter with TP 501 .
 - (2) Stop mode (CD)
 - (3) Adjust RV 505 so that the frequency counter is $5.25 \text{ MHz} \pm 50 \text{ kHz}$. (CD IC 501 PIN 26 and GND short $4.35 \text{ MHz} \pm 20 \text{ KHz}$)
- 2) Focus offset adjustment (RF)
 - (1) Connect the oscilloscope (more than 40 MHz) with TP 502 and the ground of the oscilloscope with TP 501
 - (2) Insert a disc and playback CD.
 - (3) Adjust RV 502 so that the RF signal becomes to be maximum and definite waveform (0.2V/DIV, 0.5 μ SEC/DIV, AC).
- 3) Tracking balance adjustment
 - (1) Connect the oscilloscope with TP 505 and the ground of the oscilloscope with TP 501 (0.5V/DIV, 5msec/DIV, DC).
 - (2) Insert a disc and playback CD.
 - (3) Turn the volume of RV 504 to counterclockwise.
 - (4) Adjust RV 501 so that the waveform is symmetry above and below (A = B) relative the 0 volt.
 - (5) Return RV 504 to center position.



- 4) Focus gain adjustment
- (1) connect the oscilloscope with TP 504 and ground of the oscilloscope with TP 501
 - (2) Insert a disc and play back CD.
 - (3) Adjust RV 503 so that the center of waveform at the 100mv line as shown in the figure below (Normal waveform).



- 5) Tracking gain adjustment
- (1) Connect the oscilloscope with TP 505 and the ground of the oscilloscope with TP 501.
 - (2) Insert a disc and playback CD.
 - (3) Adjust RV 504 so that the waveform becomes the normal waveform as shown in the figure below.



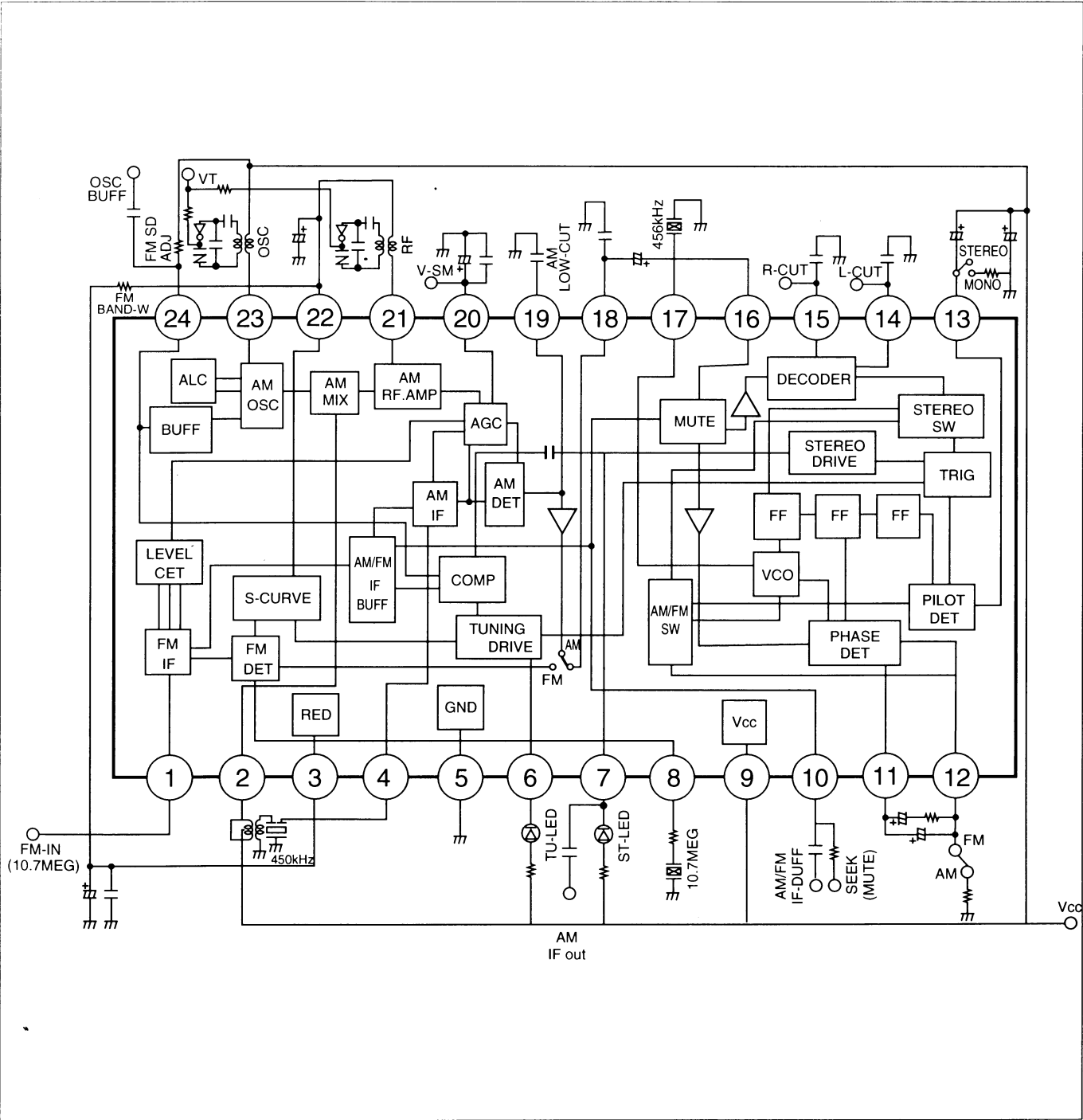
5. IC BLOCK DIAGRAM

■ LA 1832

AM/FM IF + (FOR DIGITAL TUNING SYSTEM)
LA 1832 is the AM/FM IF+MPX 1 chip tuner IC which are designed for dts radios.
This is included many functions and can be used for digital tuning system with if counter, auto seek system.

MAXIMUM RATINGS (Ts = 25°C)

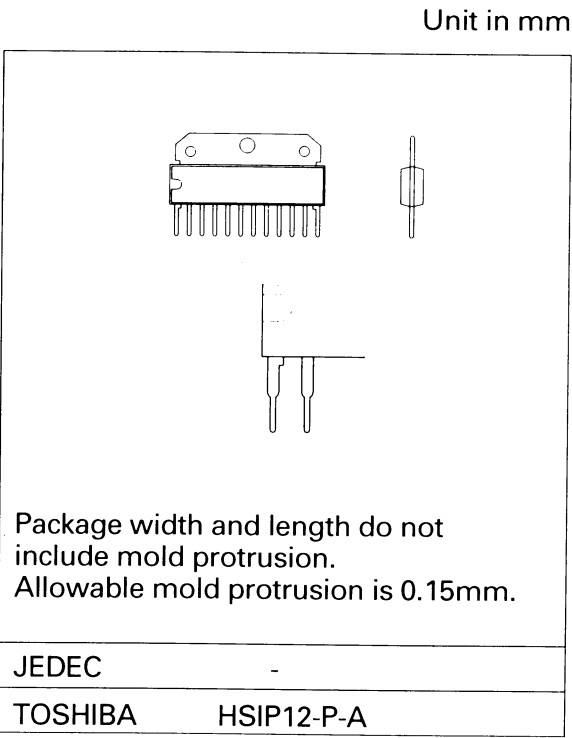
CHARACTERISTICS	SYMBOL	RATING	UNIT
Max supply voltage	Vcc MAX	9	V
Led current	ILED	20	mA
Power dissipation	Pd MAX	400	mW
Operating temp	Topr	- 20 ~ + 70	°C
Storage temp	Tstg	- 40 ~ + 125	°C



■ LOW FREQUENCY POWER AMPLIFIER

TA 8207K is an audio power IC with two built-in channels developed for portable radio cassette tape recorder with power ON/OFF switch. Because of the parts reduction and SIP (Single Inline Package), space merit is remarkable. Thermal shut down protection circuit is built in.

- High Power
 - : POUT = 2.5W/CH (Typ.)
(VCC = 9V, RL = 4Ω, f = 1kHz, THD = 10%)
 - : POUT = 4.6W/CH (Typ.)
(VCC = 12V, RL = 4Ω, f = 1kHz, THD = 10%)
- Low Popping Noise at Power ON
- Small Quiescent Current
 - : ICCQ = 21mA (Typ.) (VCC = 9V, VIN = 0)
- Soft Clip
- Built-in Thermal Shut Down Protection circuit
- Best for Supply voltage 9V, 12V
- Operation Supply Voltage Range : VCC = 6 to 15V



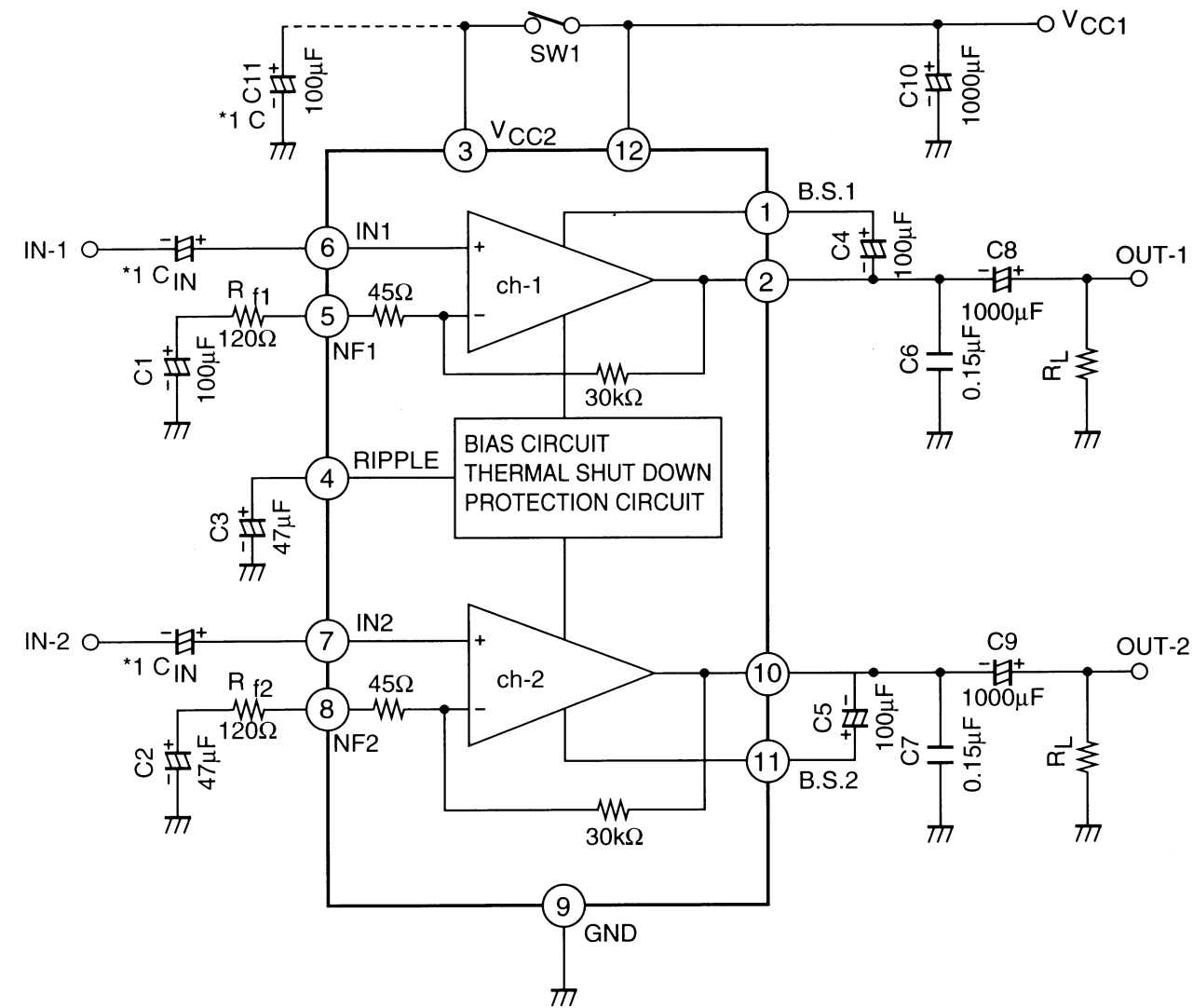
Weight : 3.2g (Typ.)

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTICS	SYMBOL	RATING	UNIT
Max supply voltage	Vcc MAX	9	V
Led current	I _{LED}	20	mA
Power dissipation	P _d MAX	400	mW
Operating temp	T _{opr}	- 20 ~ + 70	°C
Storage temp	T _{stg}	- 40 ~ + 125	°C

■ TA 8207K

BLOCK DIAGRAM/TEST CIRCUIT

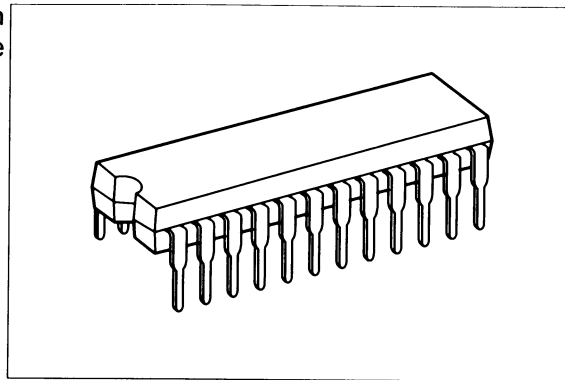


* 1. This IC can be used without coupling capacitor (CIN). If volume slide noise occurred by input offset voltage is undesirable, it needs to use the capacitor (CIN).
* 2. The condenser between the pin 3 and the GND (C11) is for reducing pop noise when the power ON/OFF switch (SW1) is set to ON/OFF.

■ **TA 8189N**

QUAD PREAMPLIFIER FOR DOUBLE CASSETTE TAPE RECORDER

The TA8189N is a quad pre-amplifier designed for use in record/play back amplifier. It is suitable for double cassette tape recorder.



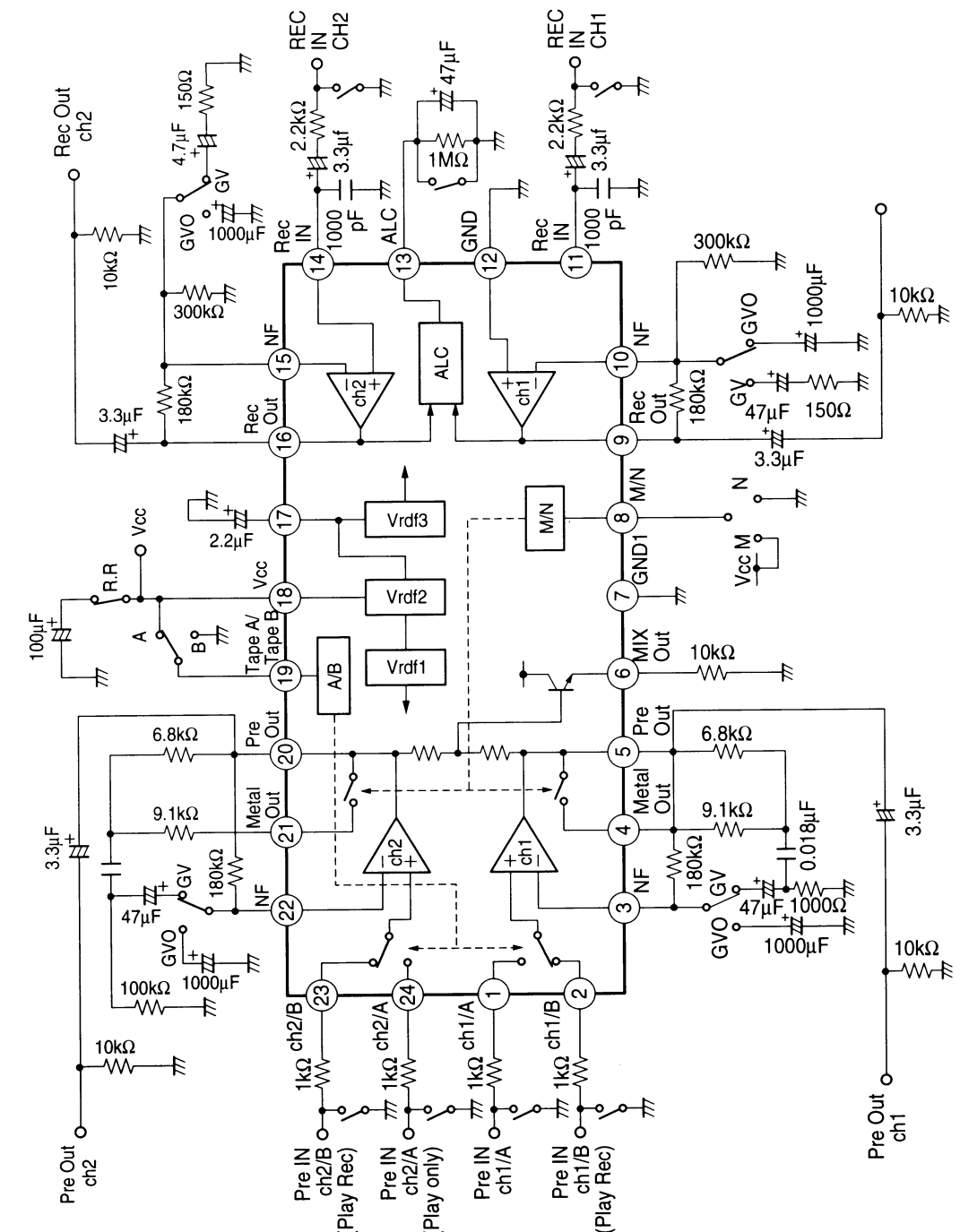
- Play back Amp
 - Built in input select switch.
 - Built in equalizer control switch.
 - Mixing output, for music selection.
- Recording Amp
 - Built in ALC detector circuit.
- Operating supply voltage range : $V_{CC} = 4\sim 13.5V$

MAXIMUM RATINGS (Ta = 25°C)

CHARACTERISTICS	SYMBOL	RATING	UNIT
Supply Voltage	VCC	14.5	V
Power Dissipation	PD	1200*	mW
Operating Temperature	Topr	-20~75	°C
Storage Temperature	Tstg	-55~155	°C

* Derated above $T_a = 25^{\circ}\text{C}$ in the proportion of 9.6mW.

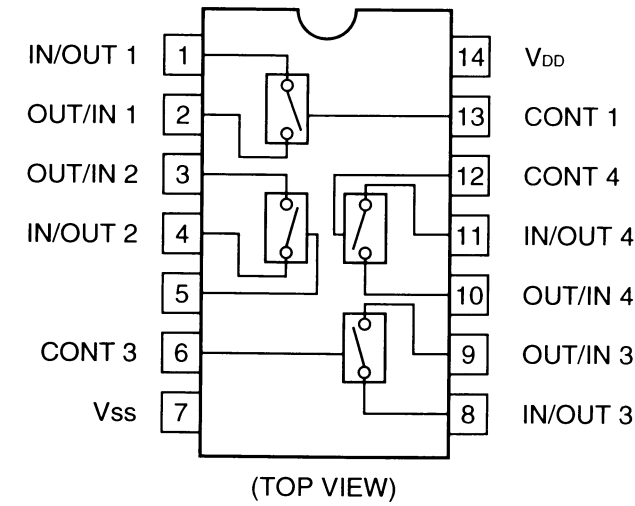
■ TA 8189N



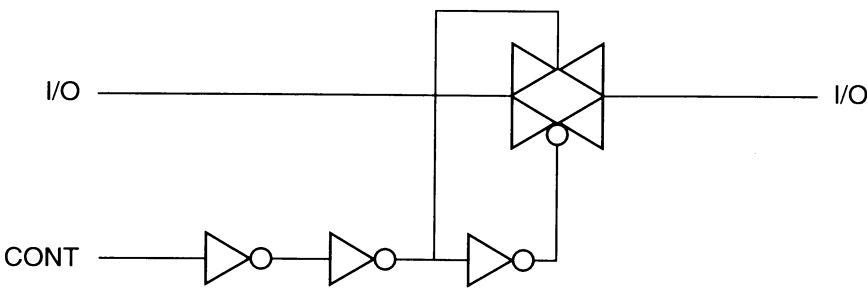
■ TC 4066

Quad bilateral switch

PIN assignment

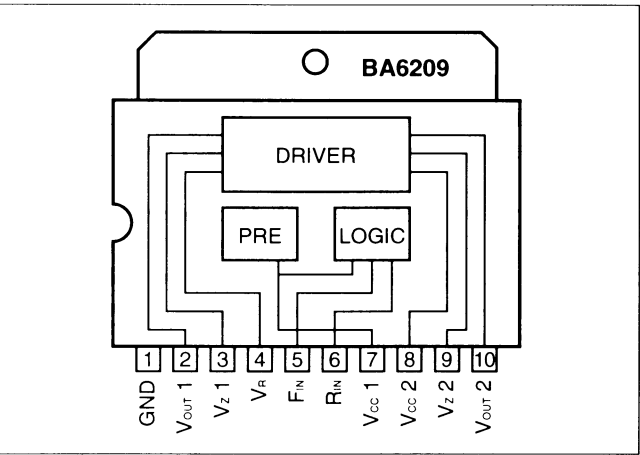


Logic diagram



■ BA 6209

The BA6209 is a reversible motor driver that can directly drive a motor to be reversibly rotated, e.g., loading motor of VTR, capstan motor and reel motor. Motor dash current, often occurring during reversing or STOP, can be effectively absorbed, while resisting a dash current up to 1.6A.



TEST CIRCUITS

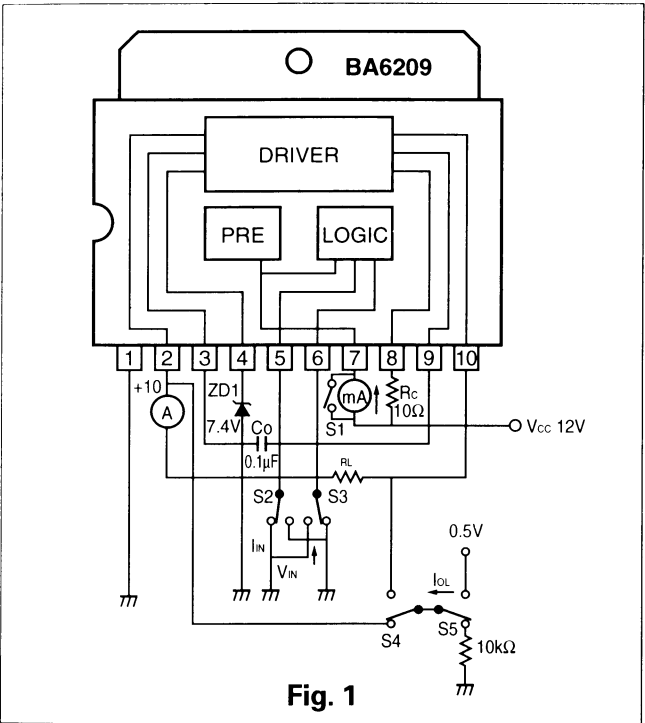


Fig. 1

APPLICATION EXAMPLE

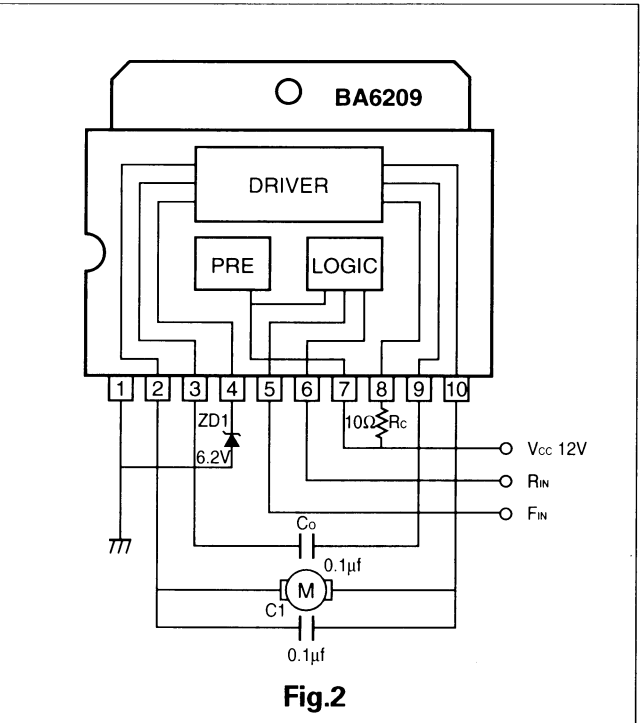


Fig. 2

INPUT/OUTPUT DATA

FIN	RIN	VOUT 1	VOUT2
H	H	L	L
L	H	L	H
H	L	H	L
L	L	L	L

Note : ① Input Level H = 2.0V UP
② Input Level L = 0.7V DOWN

■ KA 9201 LINEAR INTEGRATED CIRCUIT

RF AMP FOR CDP

The KA9201, which is the RF amplifier, is a monolithic integrated circuit designed for three-spot type optical pickup of the compact disc player. It consists of a RF signal processing circuit, Focus Error AMP, Tracking Error AMP, Focus OK Detector, Mirror Detector, Defect Detector, EFM EFM Comparator and automatic power controller for laser diode.

FEATURES

- Functions : RF AMP
Focus Error AMP
Tracking Error AMP
Focus OK Detector
Mirror Detector
Defect Detector
EFM (Eight to Fourteen Modulation) Comparator
Automatic Asymmetry Control AMP
Center Voltage Buffer
APC (Automatic Power Control) AMP for Photo-Diode and Laser-Diode drive

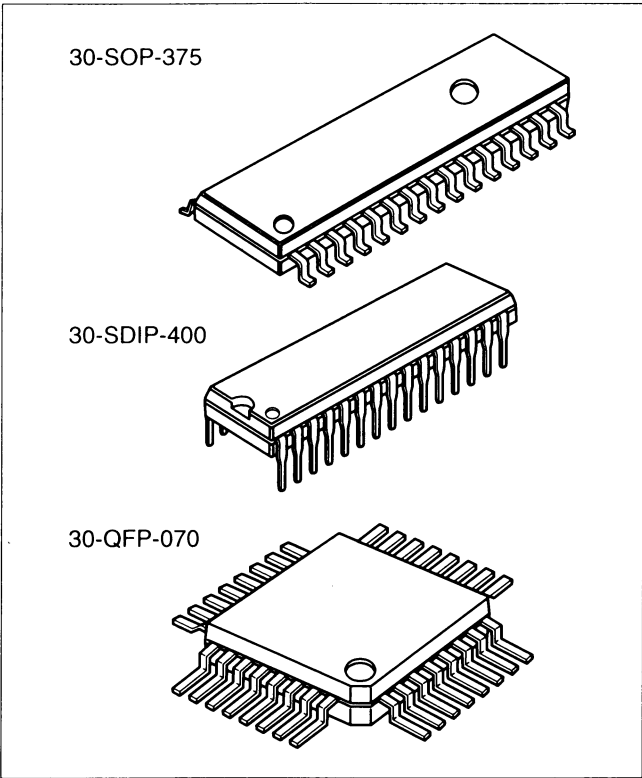
ORDERING INFORMATION

Device	Package	Operating Temperature
KA9201M	30-SDIP-400	
KA9201D	30-SOP-375	-25°C ~ + 75°C
KA9201Q	32-QFP-0707	

- Single power supply operation (+ 5V) as well as split power supply operation (± 5V)
- Low power consumption (100mW at ± 5V)
- Built-in automatic power controller use for P-sub and N- sub of the laser diode
- Minimum number of external components required
- Built-in disc defect detection circuit for improvement to play ability
- Recommend operation supply range : VCC-VEE : 3.4~11V
VCC-DGND : 3.4~5.5V

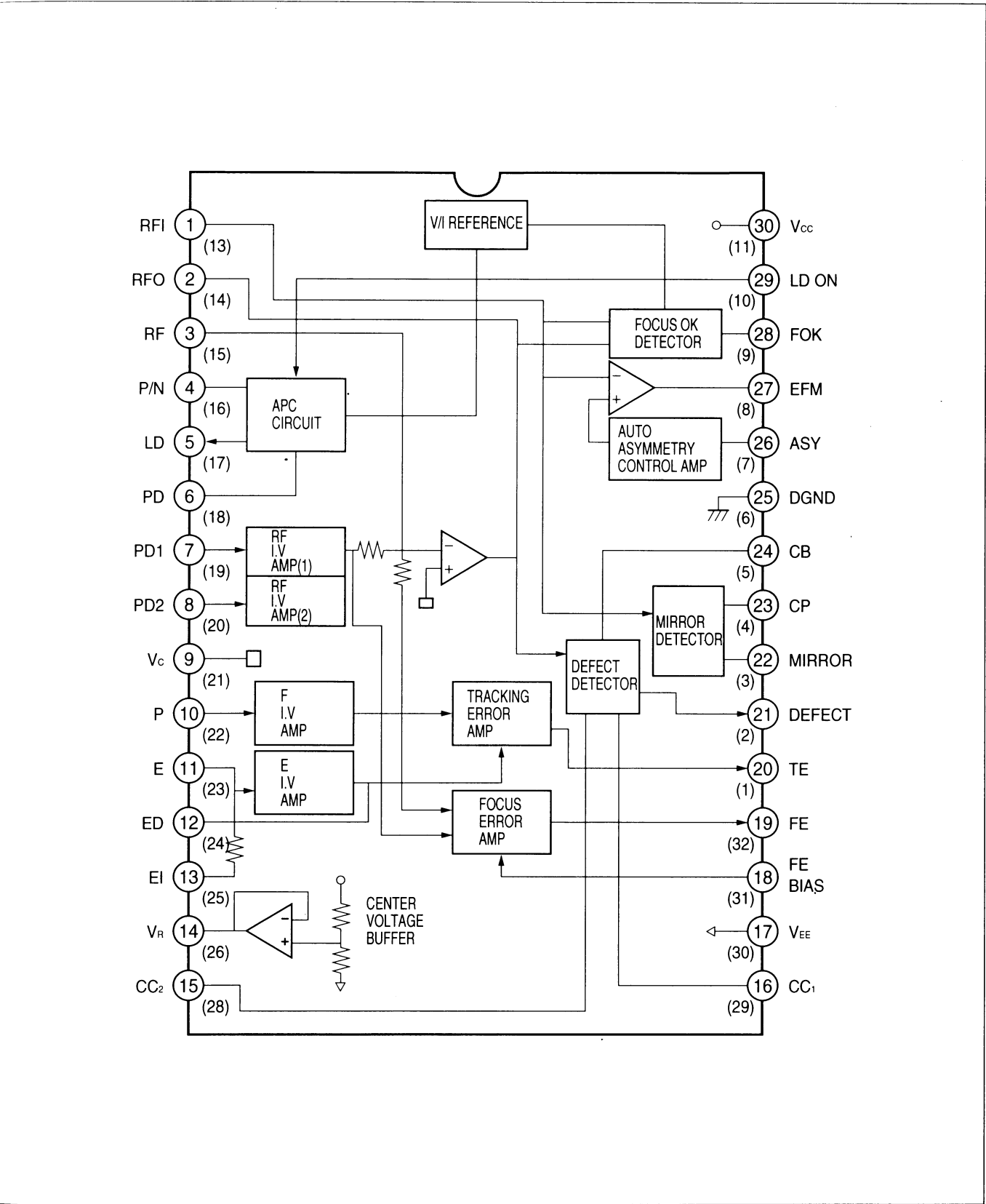
• Power Supply Condition :

	VCC	VEE	VC	VR(Vref)	DGND
Single Power Supply	Power Supply	GND	VR	VC	GND
Split Power Supply	+ Power Supply	- Power Supply	DGND	No Connecting	GND



■ KA9201 LINEAR INTEGRATED CIRCUIT

BLOCK DIAGRAM



- PIN12, 27 of 32 QEP is NC
- The number () is the TYPE of 32 QFP

KA8309B LINEAR INTEGRATED CIRCUIT

SERVO SIGNAL PORCESSOR

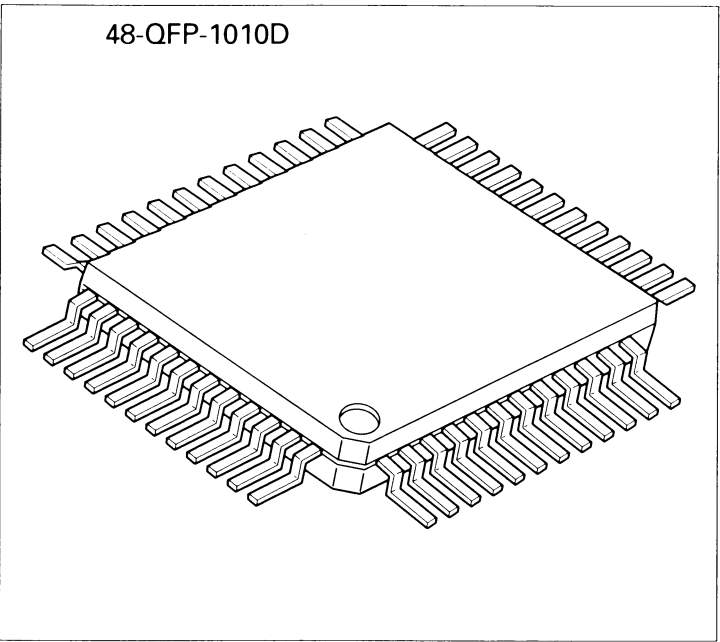
The KA8309B is BiCMOS istegrated circuit designed for the servo control of the compact disc player application.

FEATURES

- Servo control functions ;
(focus, tracking, sled servo control)
- Loop filter and VCO for FM clock reproduction PLL
- Provide function
Preventing sled runaway
Anti-shock
Spindle servo
Auto-sequencer
- Provide adjustable peak of focus search, track jump and sled kick with external resistor
- Low power consumption
(100mW typ ; $\pm 5V$, 80mW, 5V)
- Single power supply, 5V
- Split power supply, $\pm 5V$

ORDERING INFORMATION

Device	Package	Operating Temperature
KA8309B	48-QFP-1010D	- 20°C~ + 75°C



KA8309B LINEAR INTEGRATED CIRCUIT

BLOCK DIAGRAM

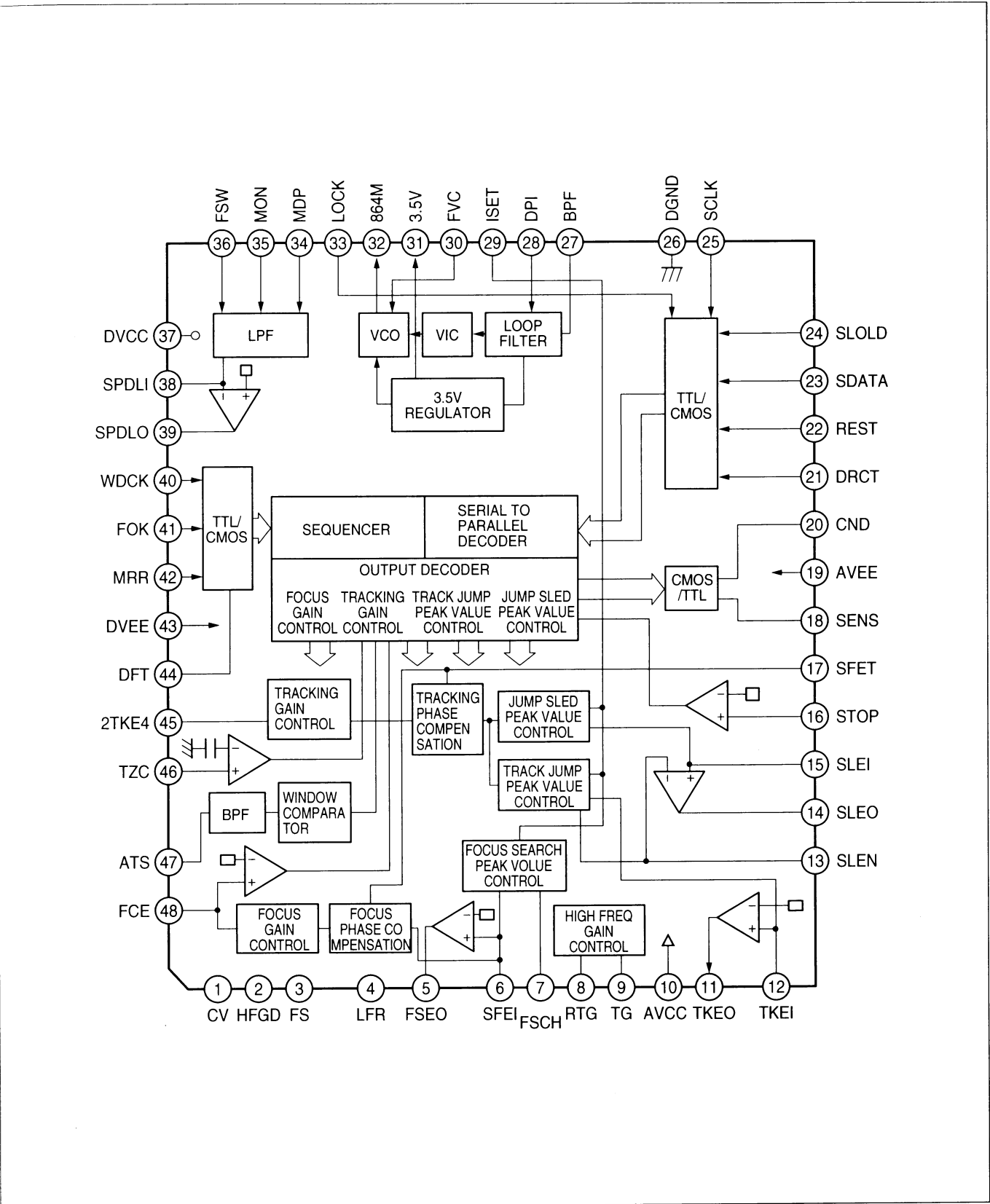


fig. 1

■ KA8309B LINEAR INTEGRATEED CIRCUIT

PIN DESCRIPTION

Pin No	Symbol	Description
1	CV	Center voltage.
2	HFGD	Reduce high frequency gain with capacitor connected between pin 2 and pin 3.
3	FS	High frequency gain of focus servo can be changed by switching FS3 on or off.
4	LFR	Rising low frequency bandwidth of focus loop.
5	FSEO	Focus servo error output.
6	FSEI	Inverting input pin for focus amplifier.
7	FSCH	Time constant external pin to generate focus search waveform.
8	RTG	Time constant external pin to switch the tracking gain of high frequency.
9	TG	Provide time constant to change the high frequency tracking gain.
10	AVCC	Analog positive power supply.
11	TKEO	Tracking error output.
12	TKEI	Inverting input pin for tracking amplifier.
13	SLEN	Non-inverting input pin for tracking amplifier.
14	SLEO	Sled output.
15	SLEL	Inverting input pin for tracking amplifier.
16	STOP	Pin for detecting a signal for the on/off limit switch of the innermost part of the disc.
17	FSET	Inverting the peak frequency of the focus, tracking phase compensation and to the CLV LPE.
18	SENS	Output pin for FZC, AS, TZC, STOP and BUSY by command from CPU.
19	AVEE	Analog negative power supply.
20	CNO	Track number count output.
21	DRCT	Control pin for one track jump.
22	REST	Reset input pin, reset at "L".
23	SDATA	Serial data input.
24	SLOAD	Latch input.
25	SCLIK	Serial data transfer clock.
26	DGND	Digital ground.
27	BPF	Provide time constant for the loop filter.
28	DPI	Input pin for detected phase.
29	ISET	Current is input, determining the peaks of focus search, track jump, and sled kick.
30	FVC	External resistor to adjust free running frequency of VCO.
32	3.5V	Regulated output voltage.

■ KA8309B LINEAR INTEGRATEED CIRCUIT

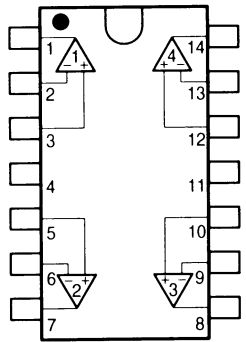
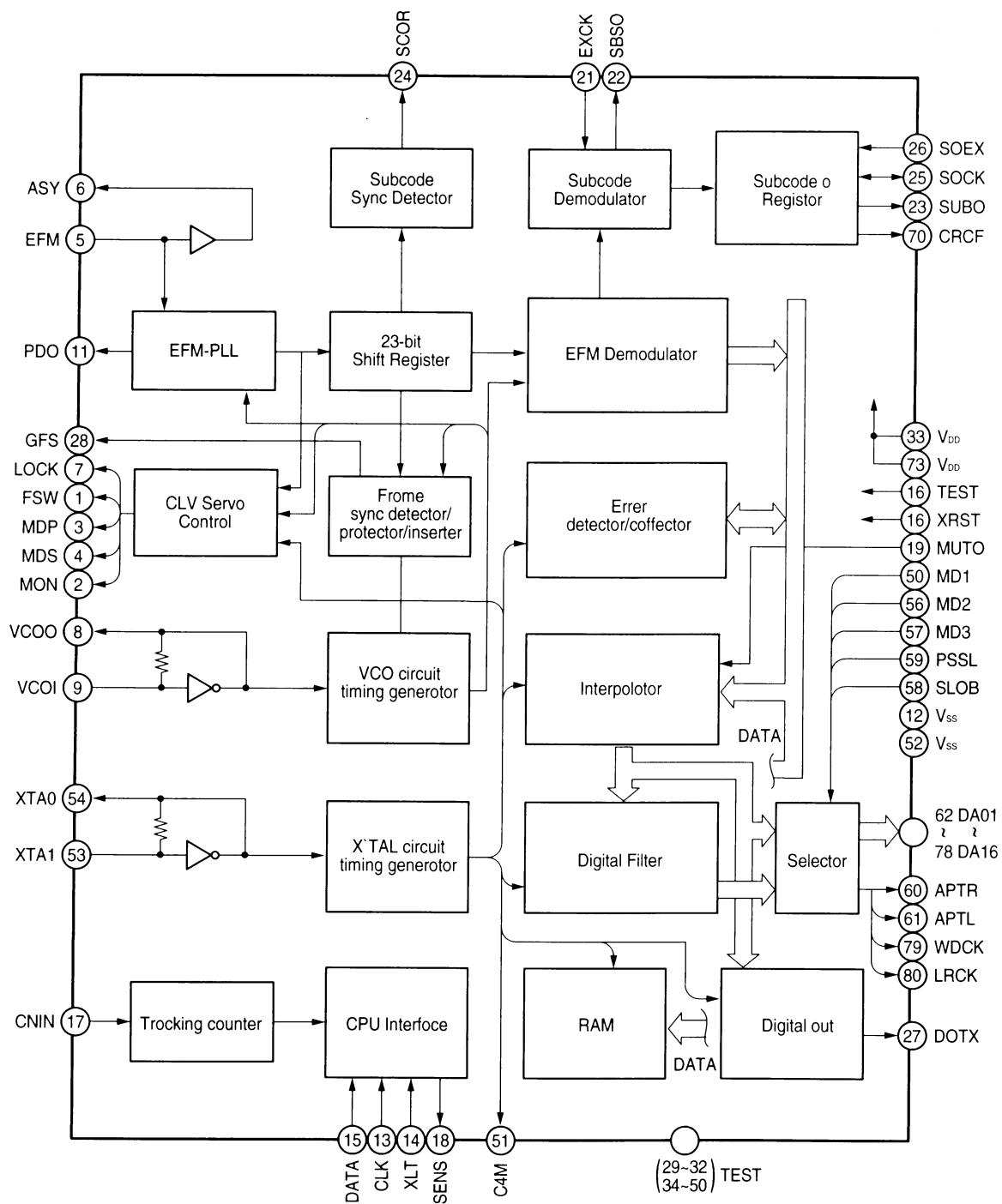
PIN DESCRIPTION

Pin No	Symbol	Description
33	LOCK	Pin for the operation of the sled runaway prevention circuit at "L"
34	MDP	Pin for connecting the DSP.
35	MON	Pin for connecting the DSP.
36	FSW	Providing an external LPF time constant of the CLV servo.
37	DVCC	Digital positive power supply.
38	SPDLI	Inverting input for spindle servo amplifier.
39	SPDLO	Spindle servo error output.
40	WDCK	Clock input for auto-sequence.
41	FOX	Focus ok signal input pin.
42	MRR	Mirror signal input pin
43	DVEE	Digital negative power supply.
44	DFT	Defect signal input pin.
45	TKE	Tracking error signal input pin.
46	TZC	Input pin for the zero cross tracking comparator.
47	ATS	Input pin for detect ATSC.
48	FCE	Input pin for focus error signal.

ABSOLUTE MAXIMUM RATINGS

Characteristic	Symbol	Value	Unit
Supply Voltage	VCC – VEE	12	V
Power Dissipation	PD	600	mW
Operating Temperature	TOPR	– 20 ~+ 75	°C
Storage Temperature	TSTG	– 55 ~ + 150	°C

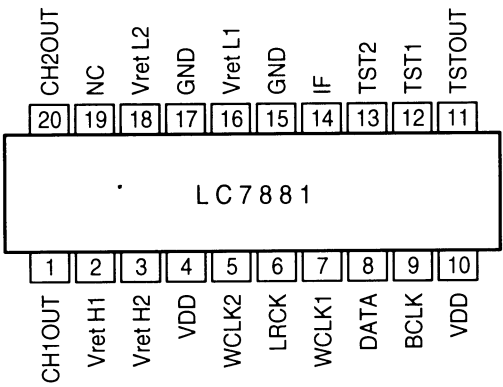
Digital signal processor



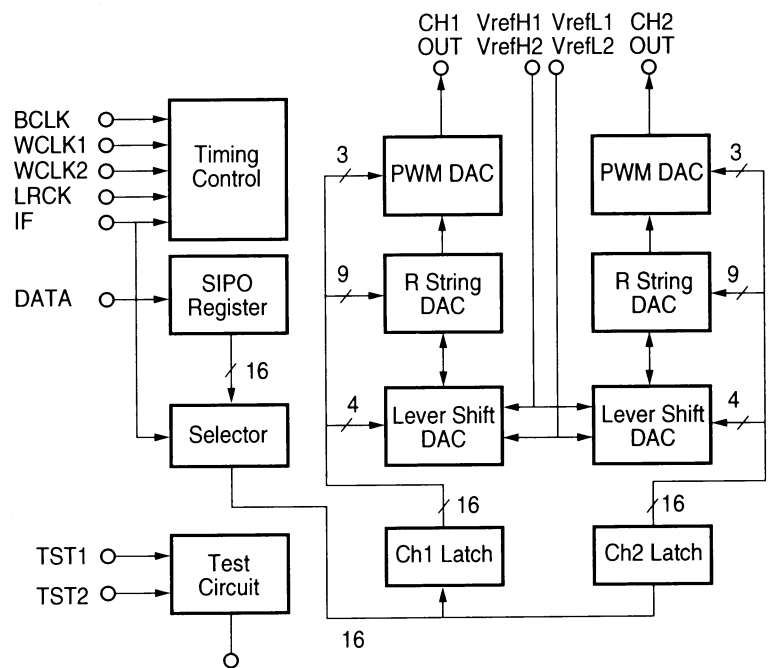
- 1. OUTPUT 1
- 2. -INPUT 1
- 3. +INPUT 1
- 4. V+
- 5. +INPUT 2
- 6. -INPUT 2
- 7. OUTPUT 2
- 8. OUTPUT 3
- 9. -INPUT 3
- 10. +INPUT 3
- 11. V-
- 12. -INPUT 4
- 13. -INPUT 4
- 14. OUTPUT 4

D/A convertor

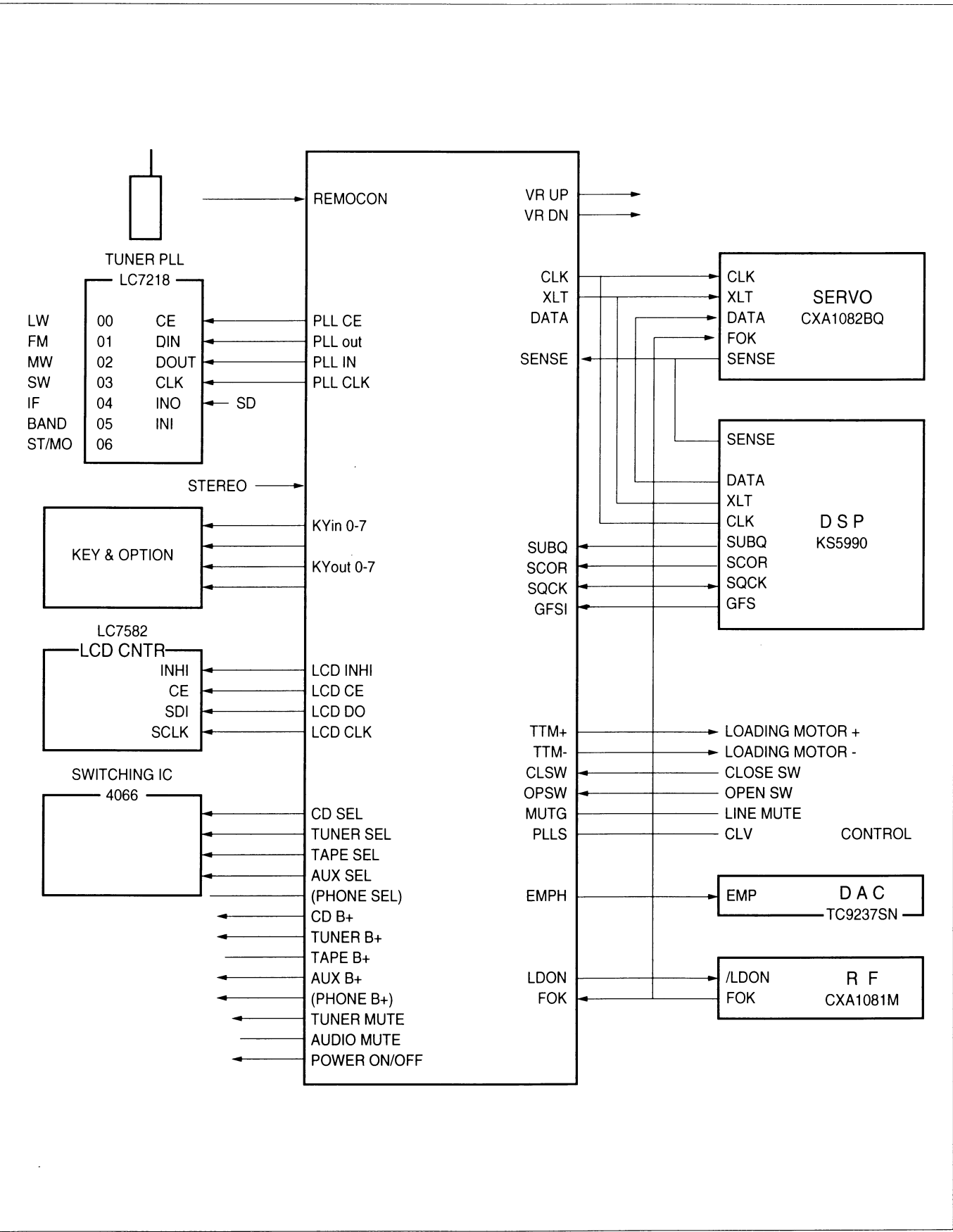
PIN assignment



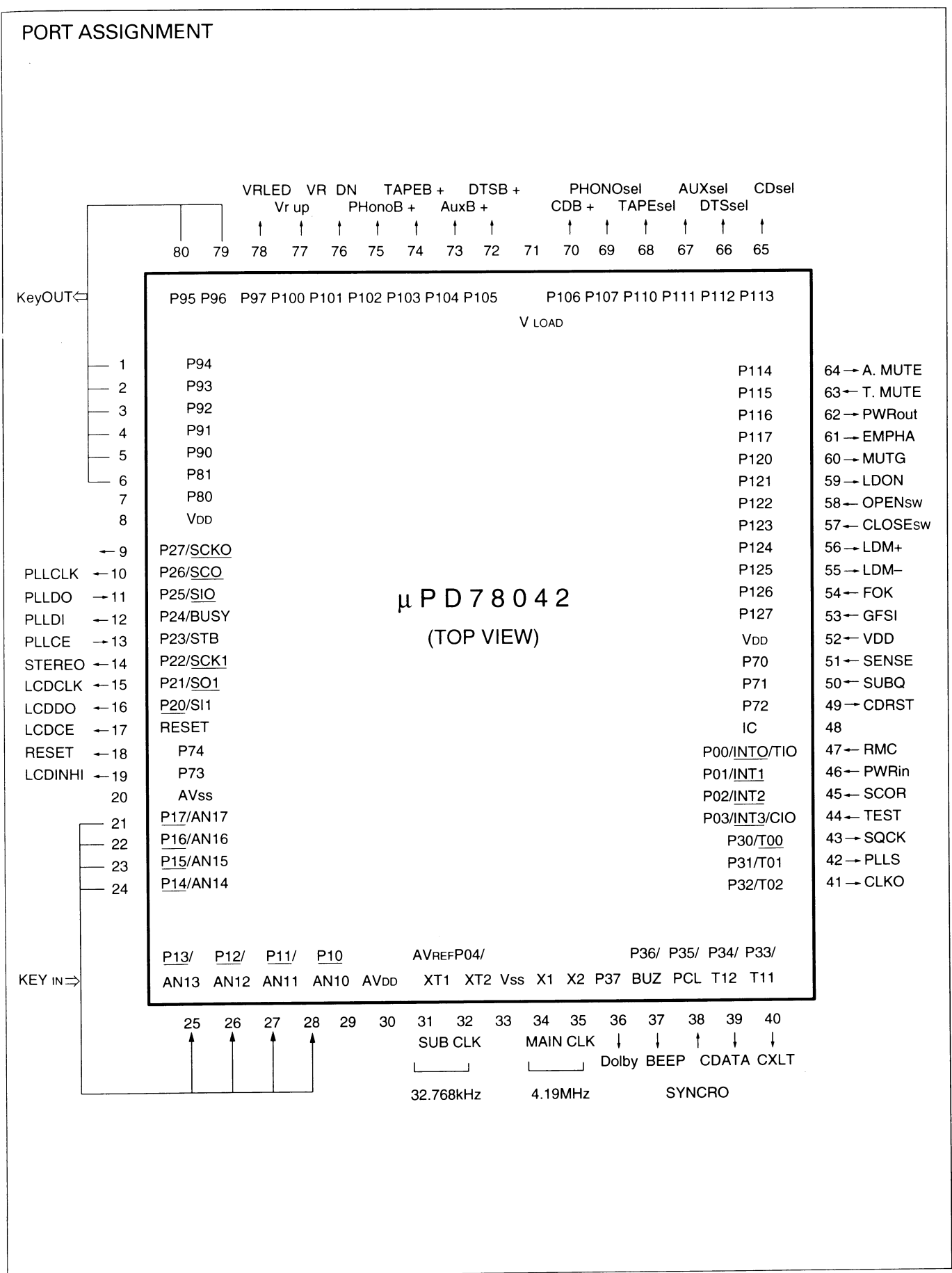
Block diagram

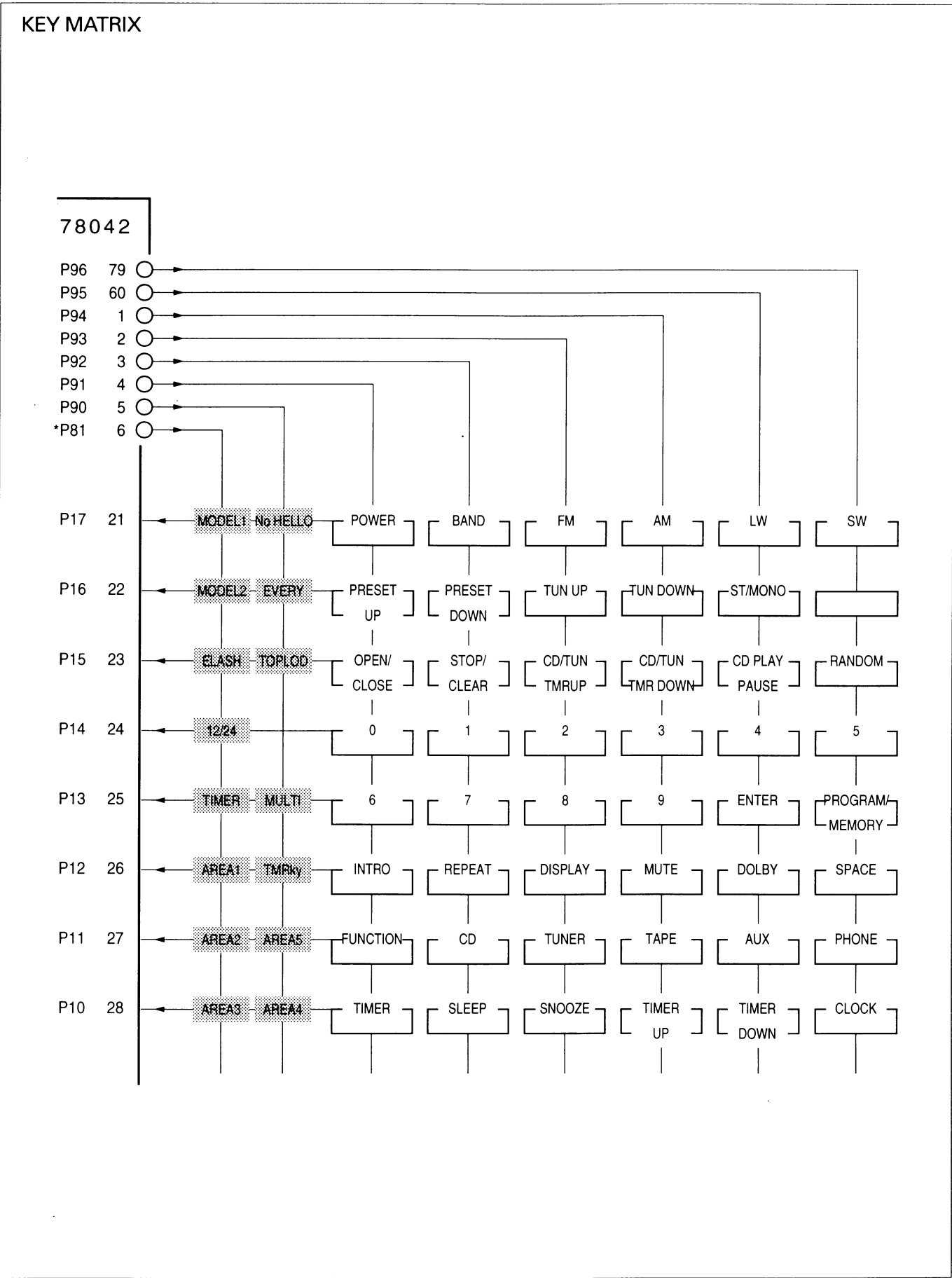


1. SYSTEM BLOCK DIAGRAM

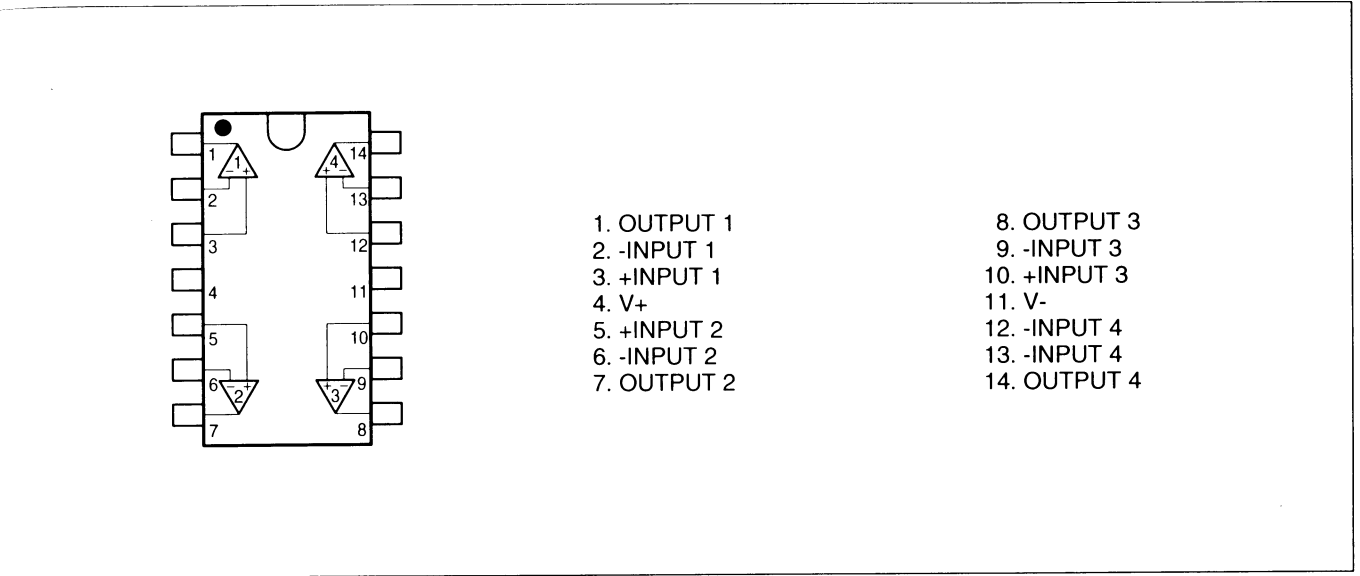


2. PORT DESCRIPTION

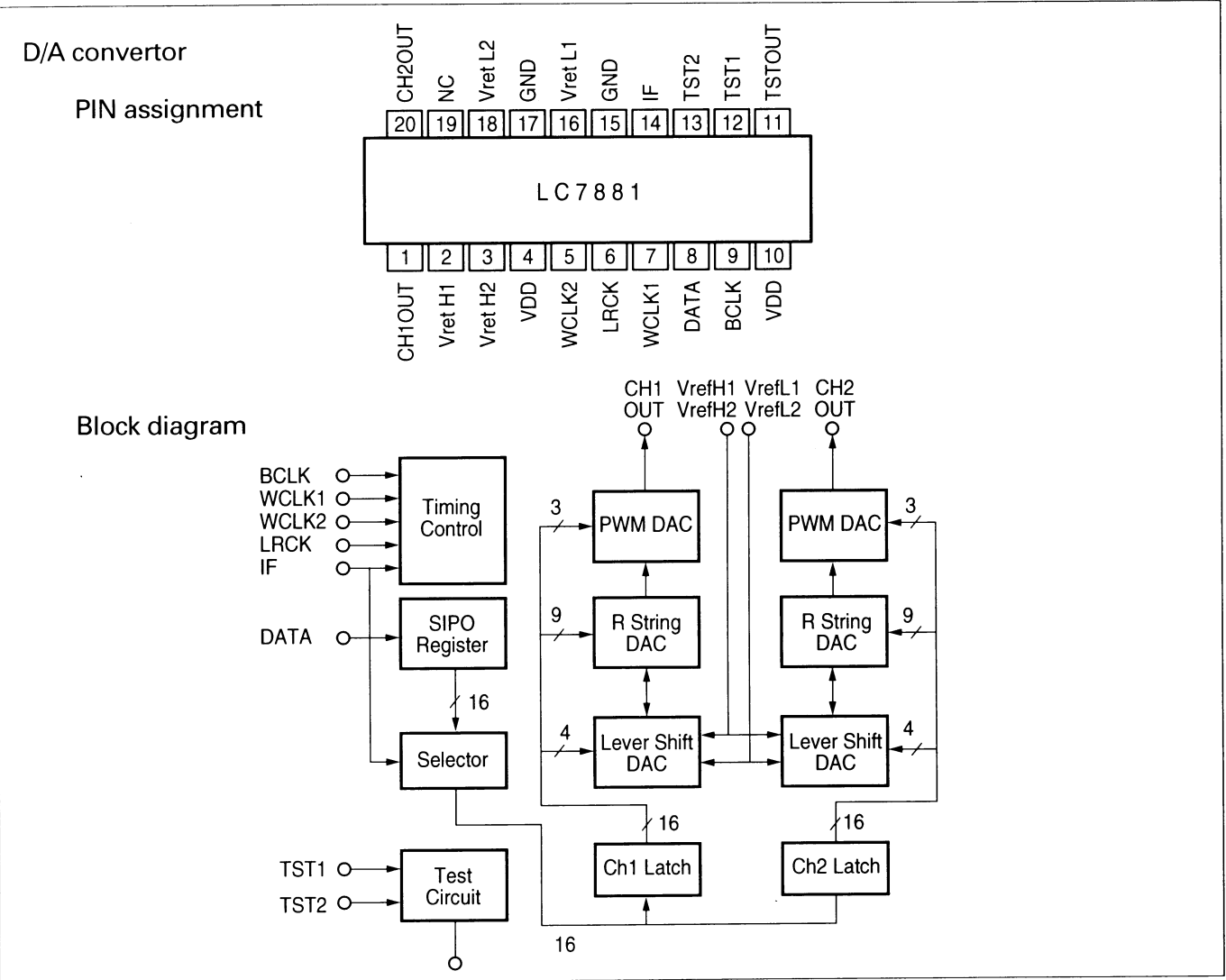




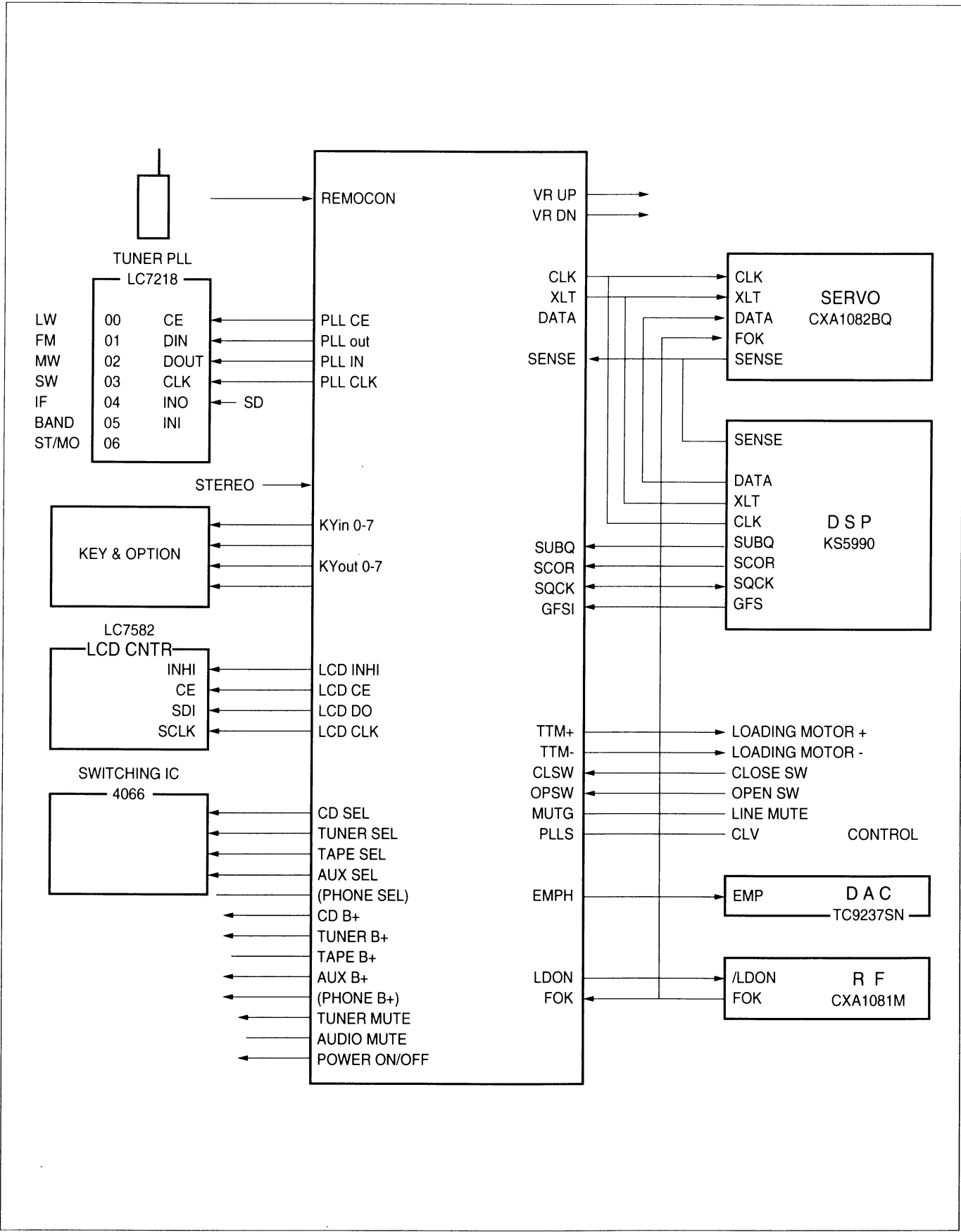
MC 3403N



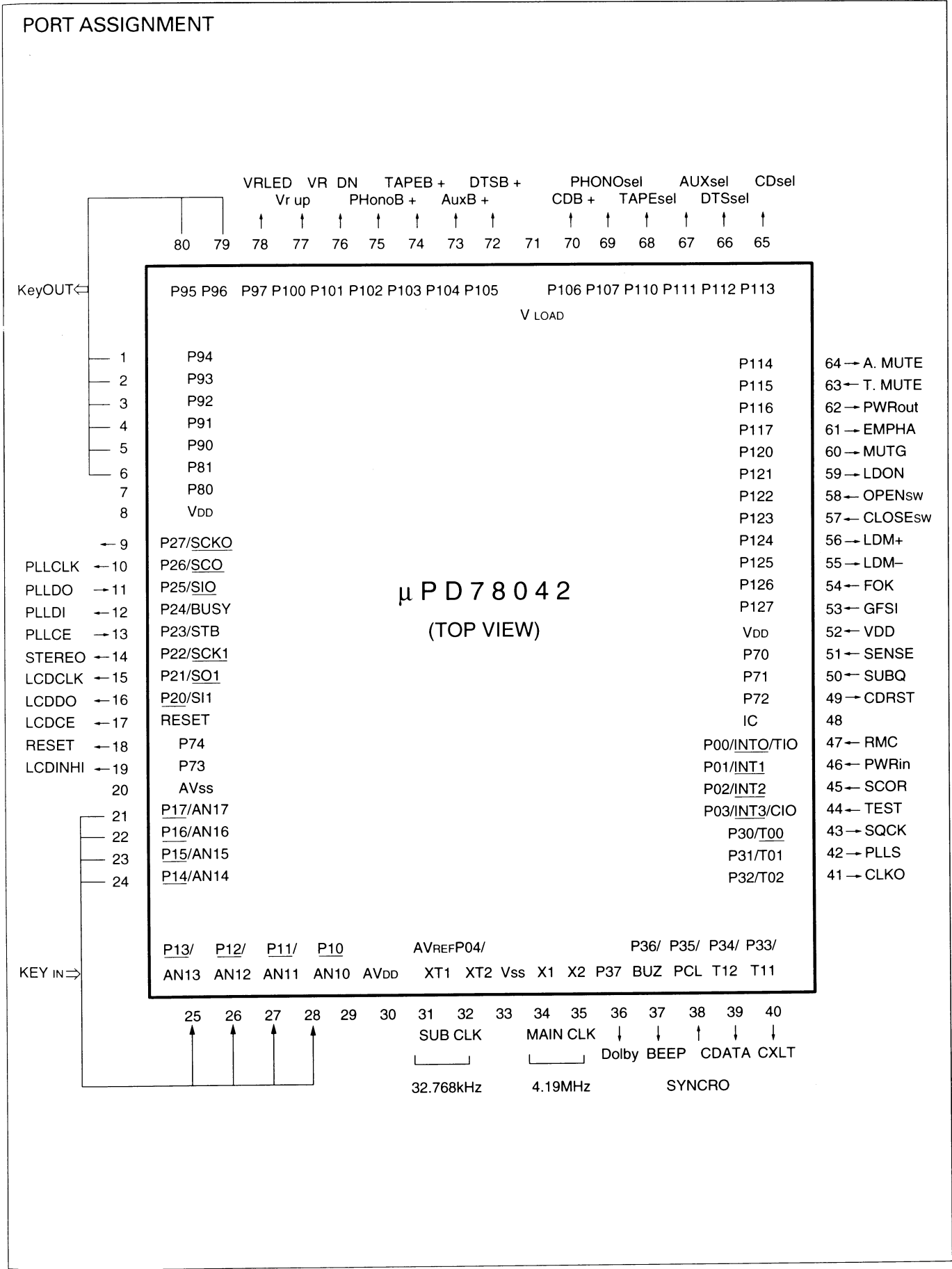
LC 7881,KDA 0316N



1. SYSTEM BLOCK DIAGRAM

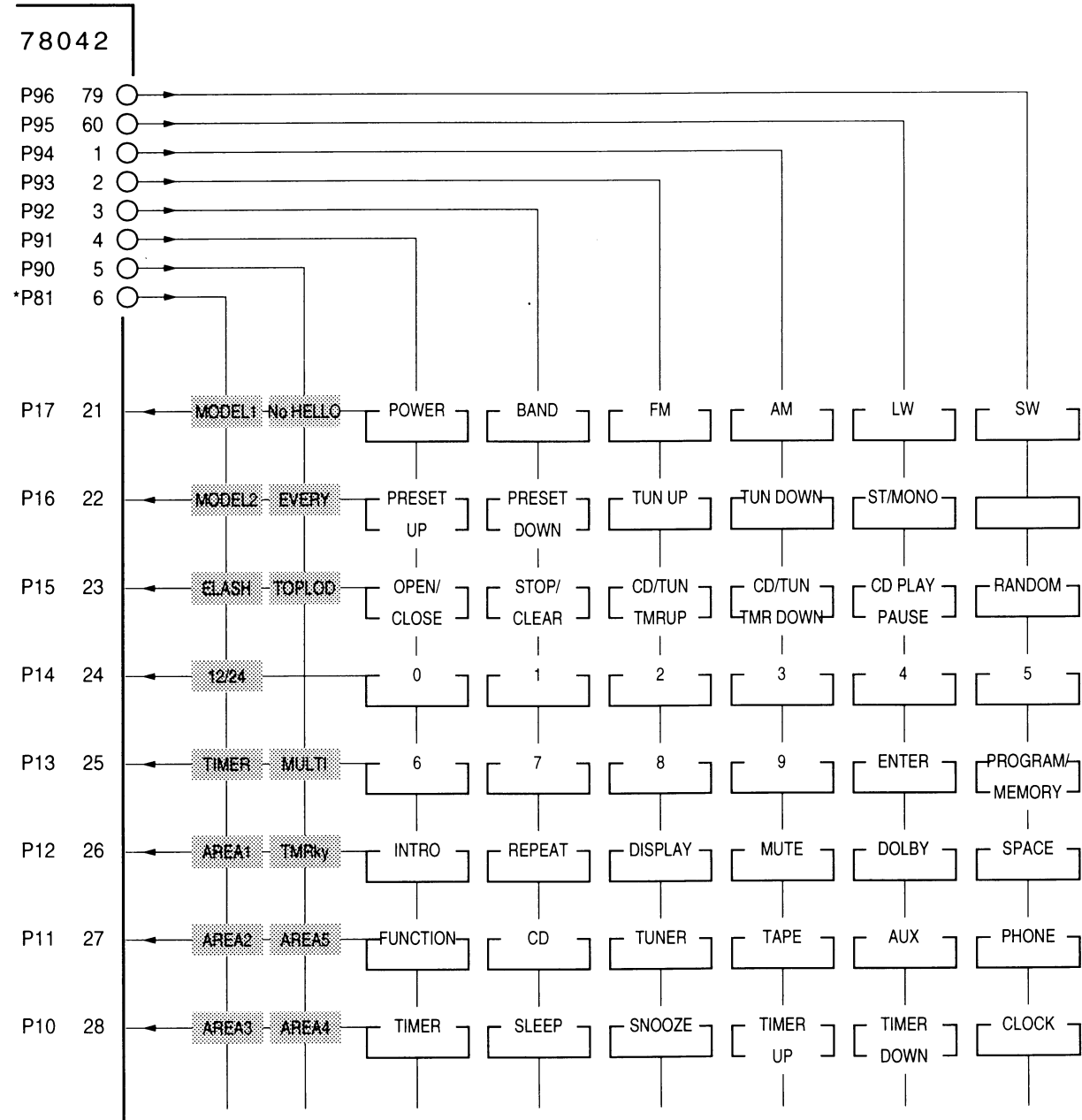


2. PORT DESCRIPTION



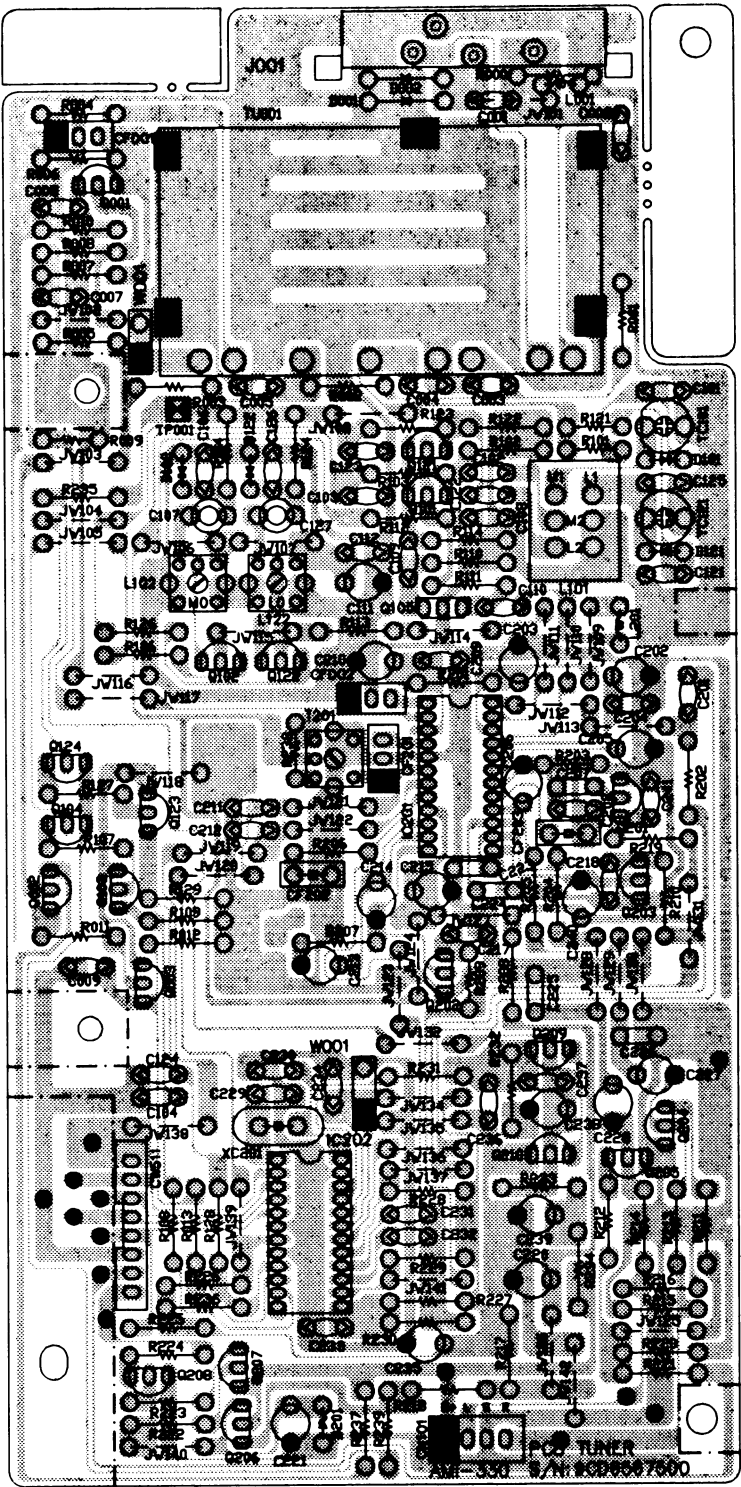
3. KEY

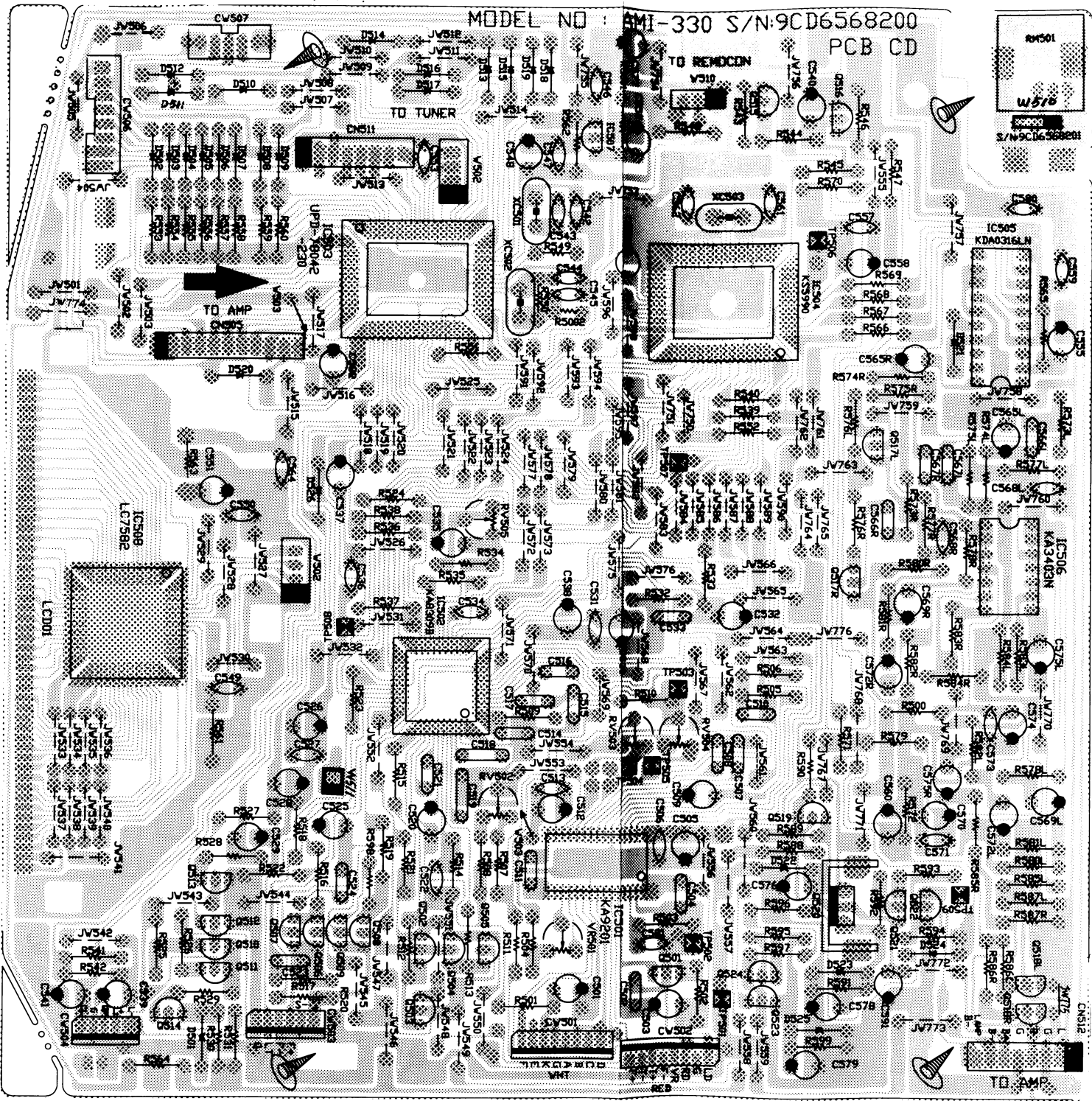
KEY MATRIX



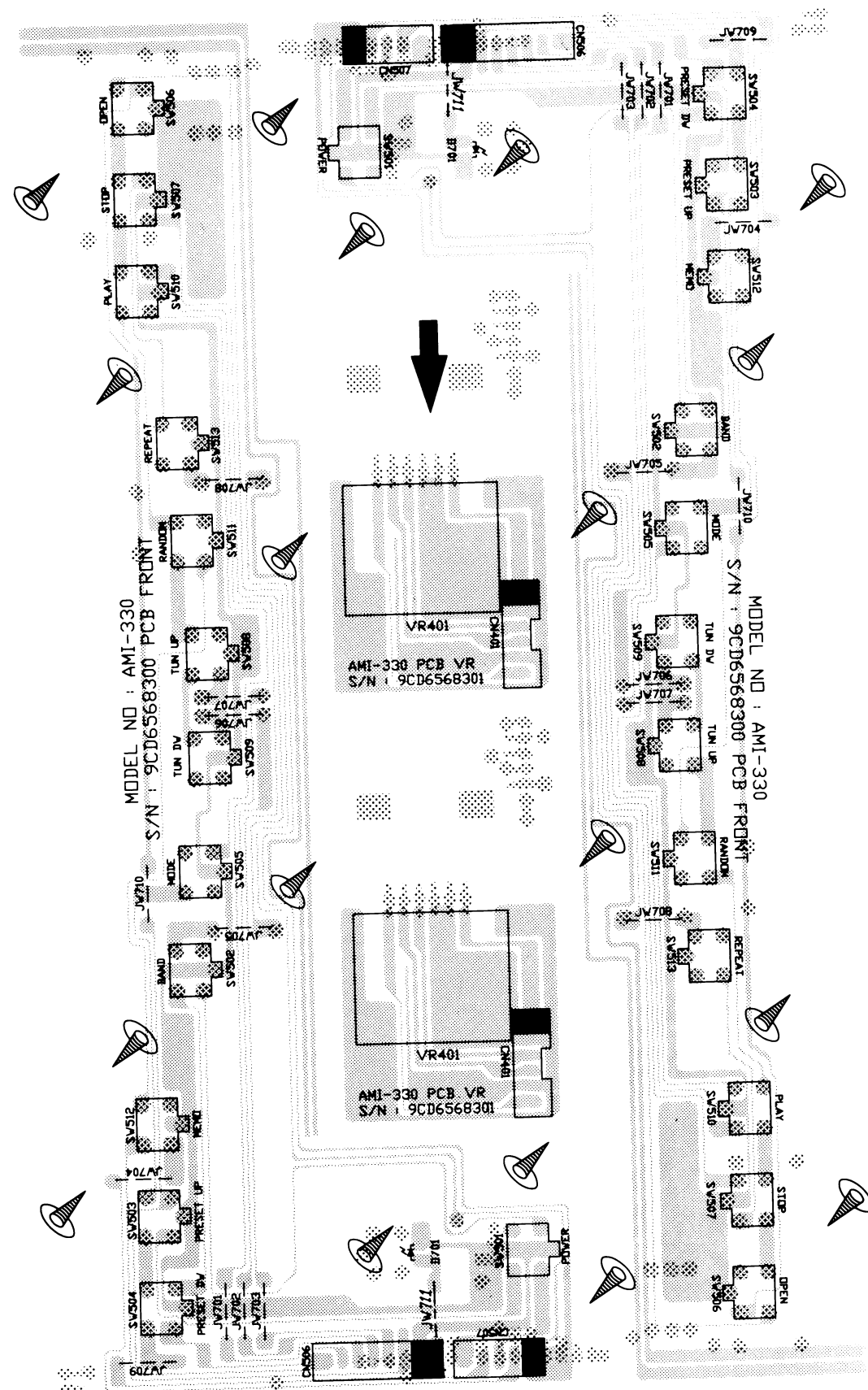
6. ELECTRICAL PART LOCATION

A. TUNER P.C.B.

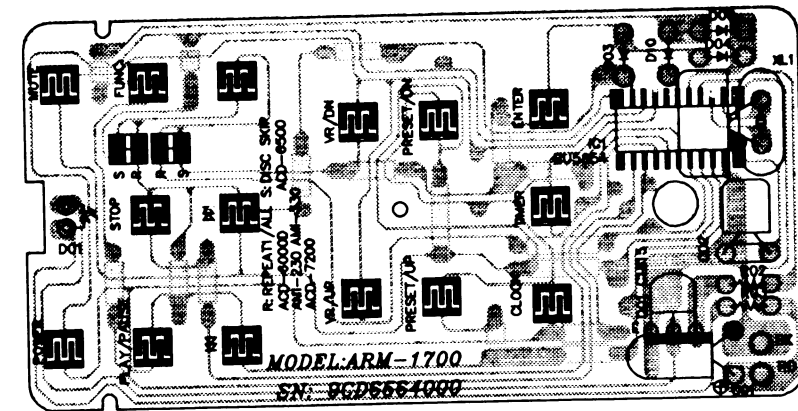




D. FRONT, VR P.C.B.

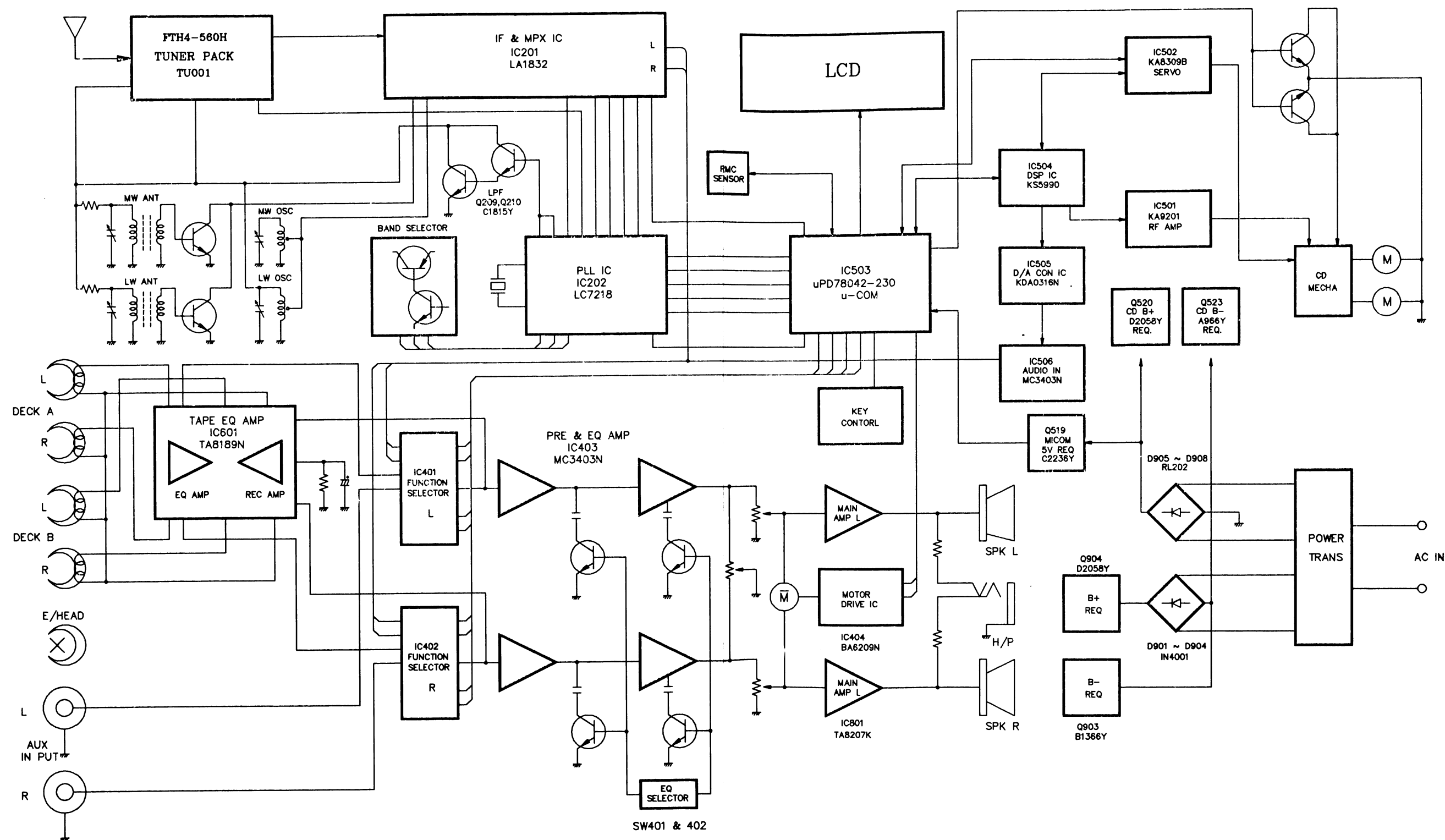


E. REMOCON PCB

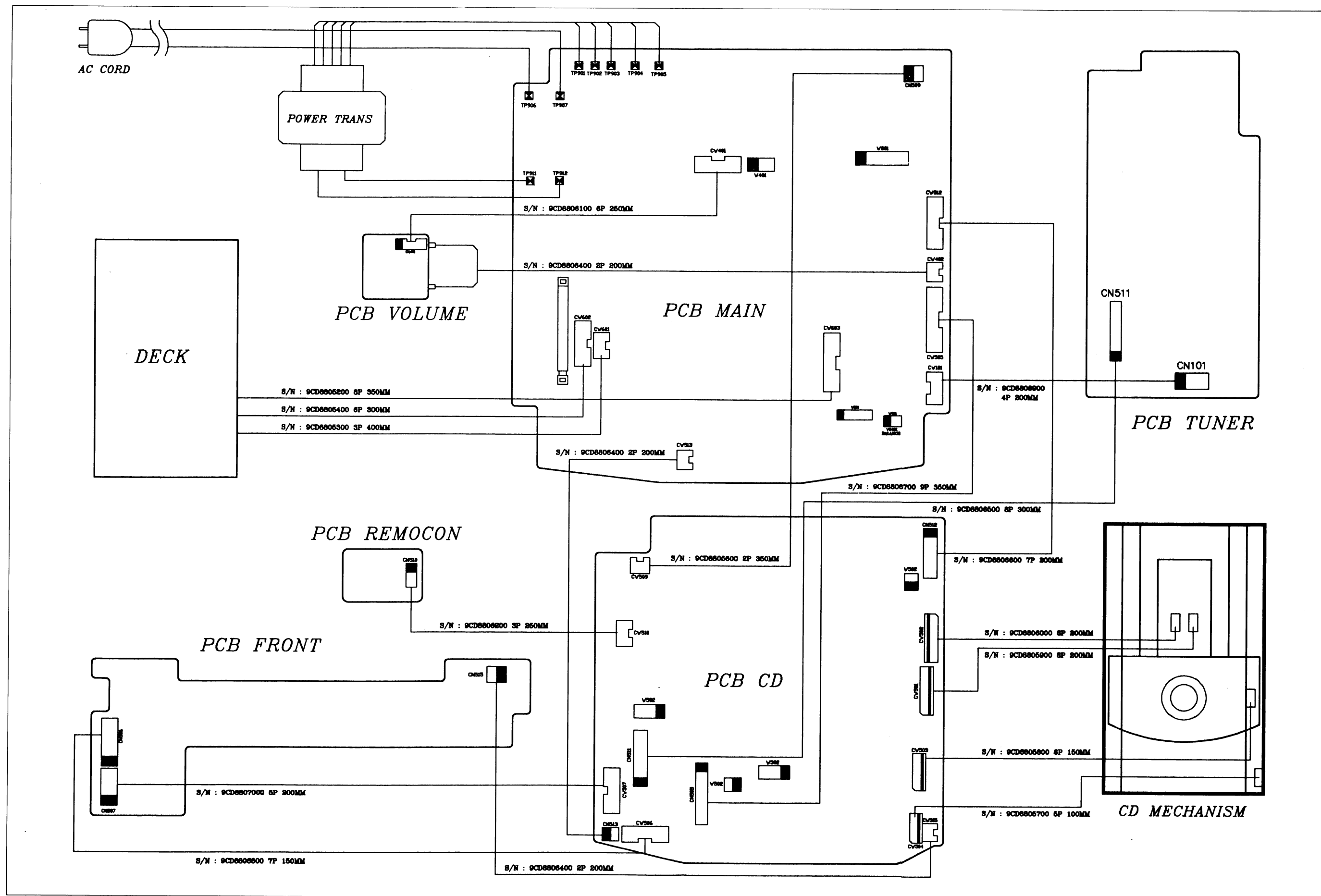


7. BLOCK DIAGRAM

AMI-330 BLOCK DIAGRAM

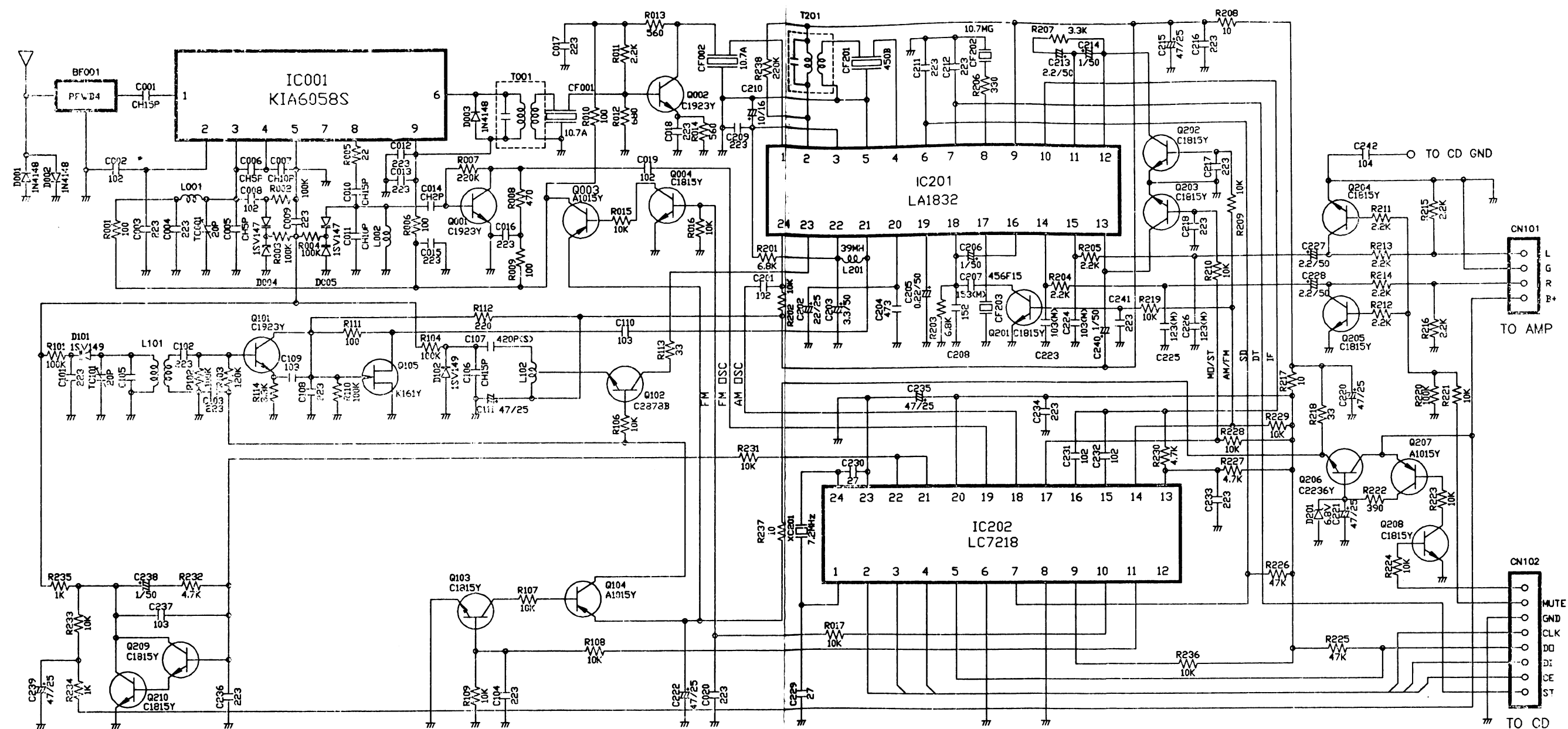


8. WIRING DIAGRAM

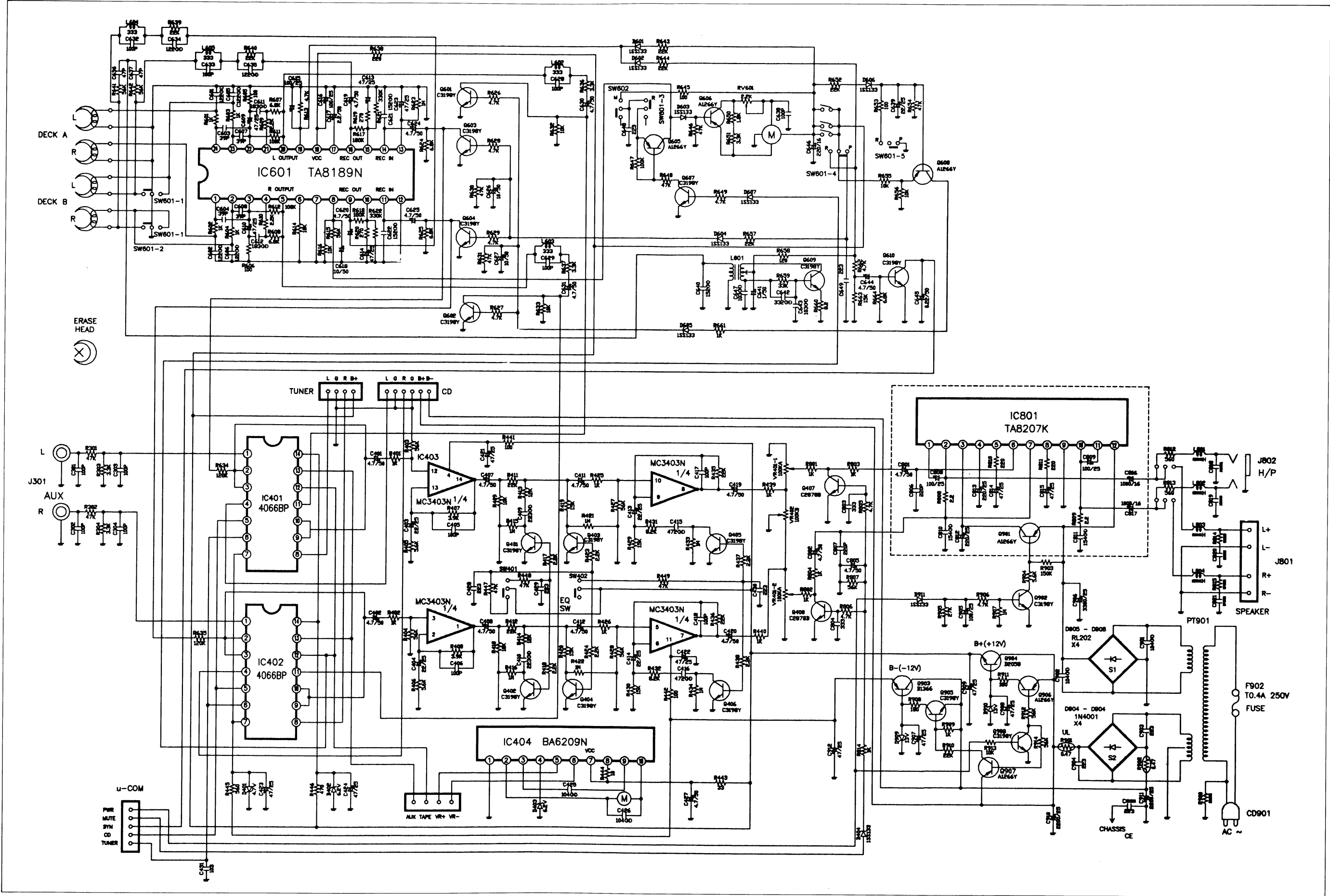


9. SCHEMATIC DIAGRAM

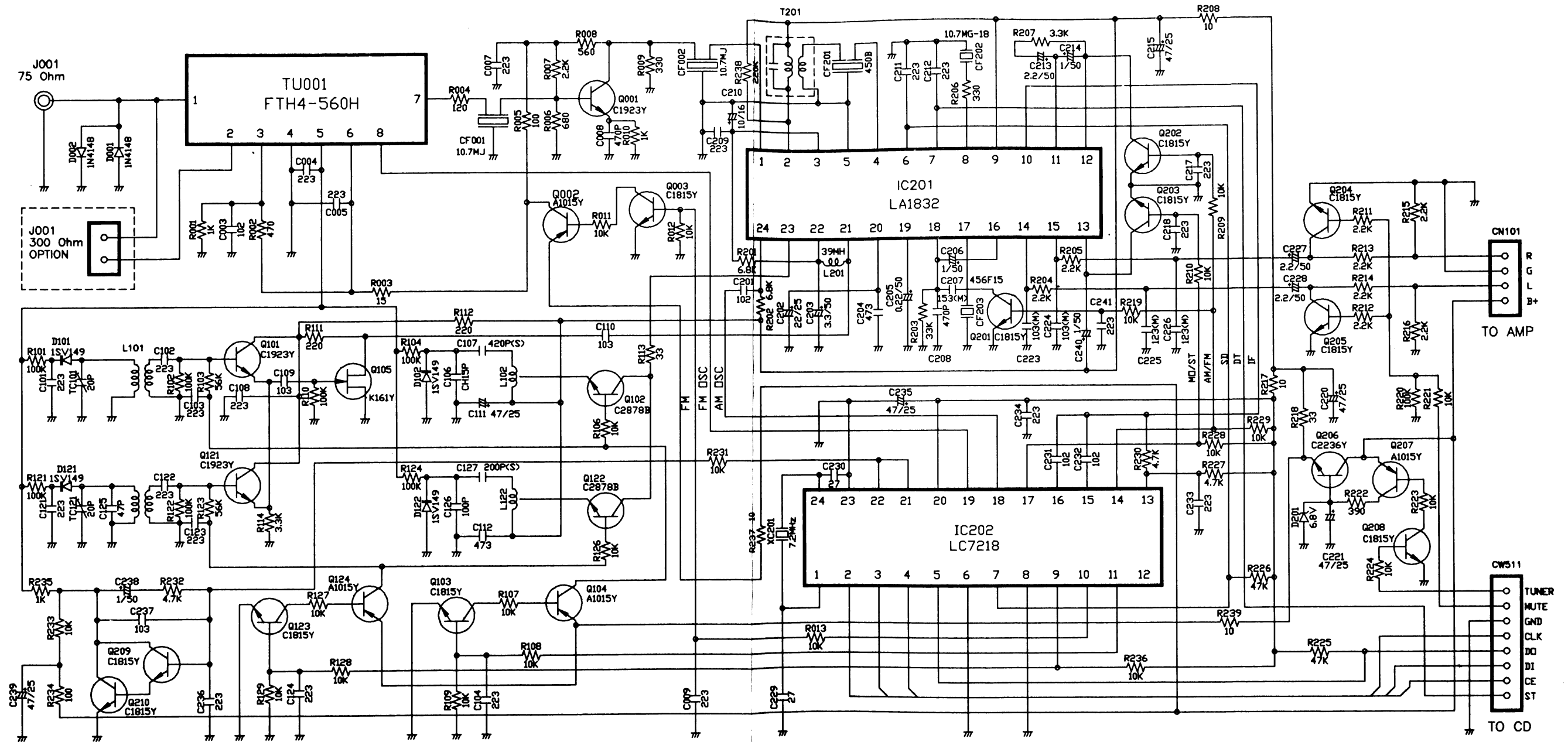
A. TUNER SCHEMATIC DIAGRAM(2BAND)



B. MAIN SCHEMATIC DIAGRAM(5W)



C. TUNER SCHEMATIC DIAGRAM (3 BAND)



D. CD SCHEMATIC DIAGRAM

AMI-330 CD SCHEMATIC DIAGRAM

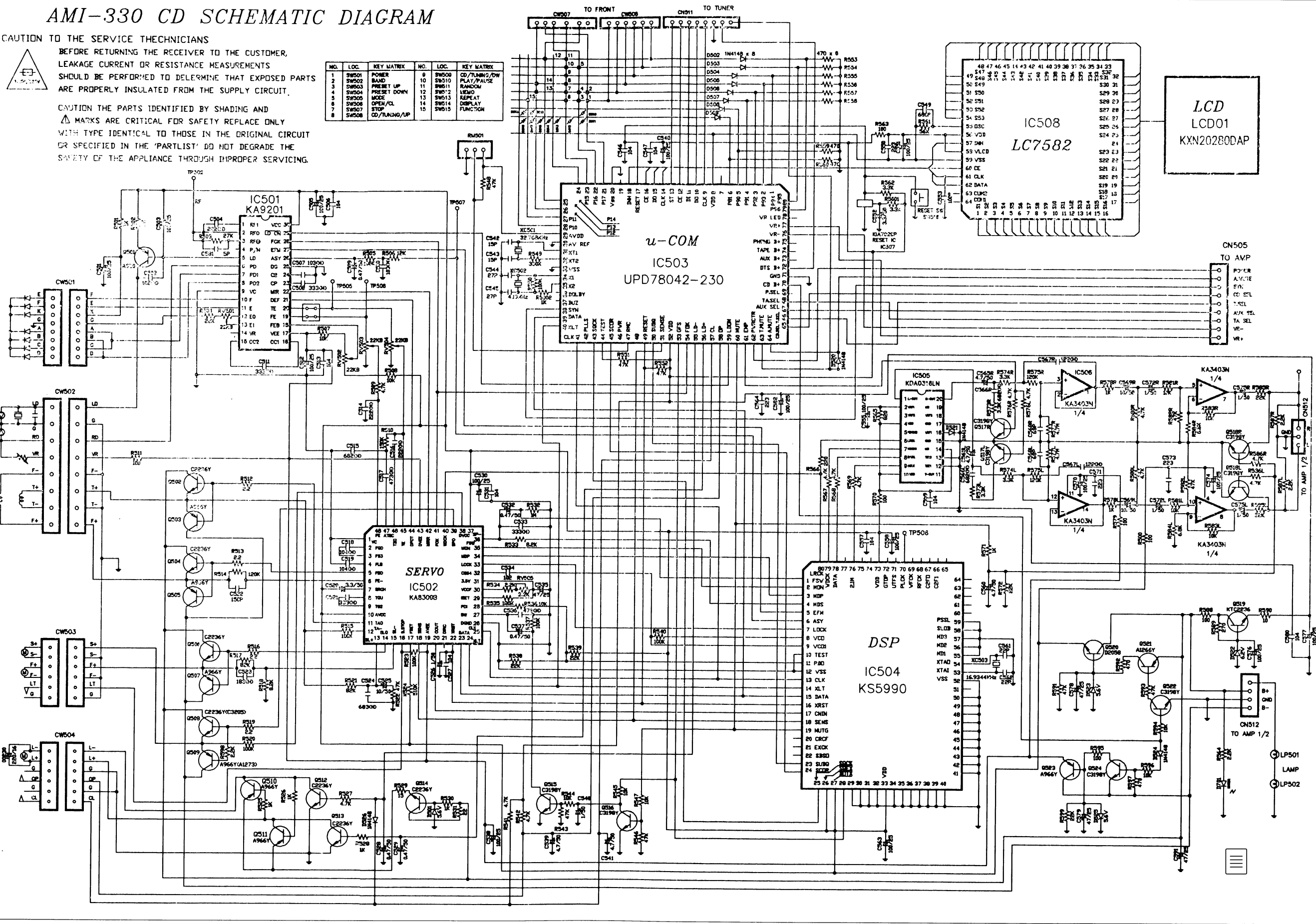
CAUTION TO THE SERVICE TECHNICIANS



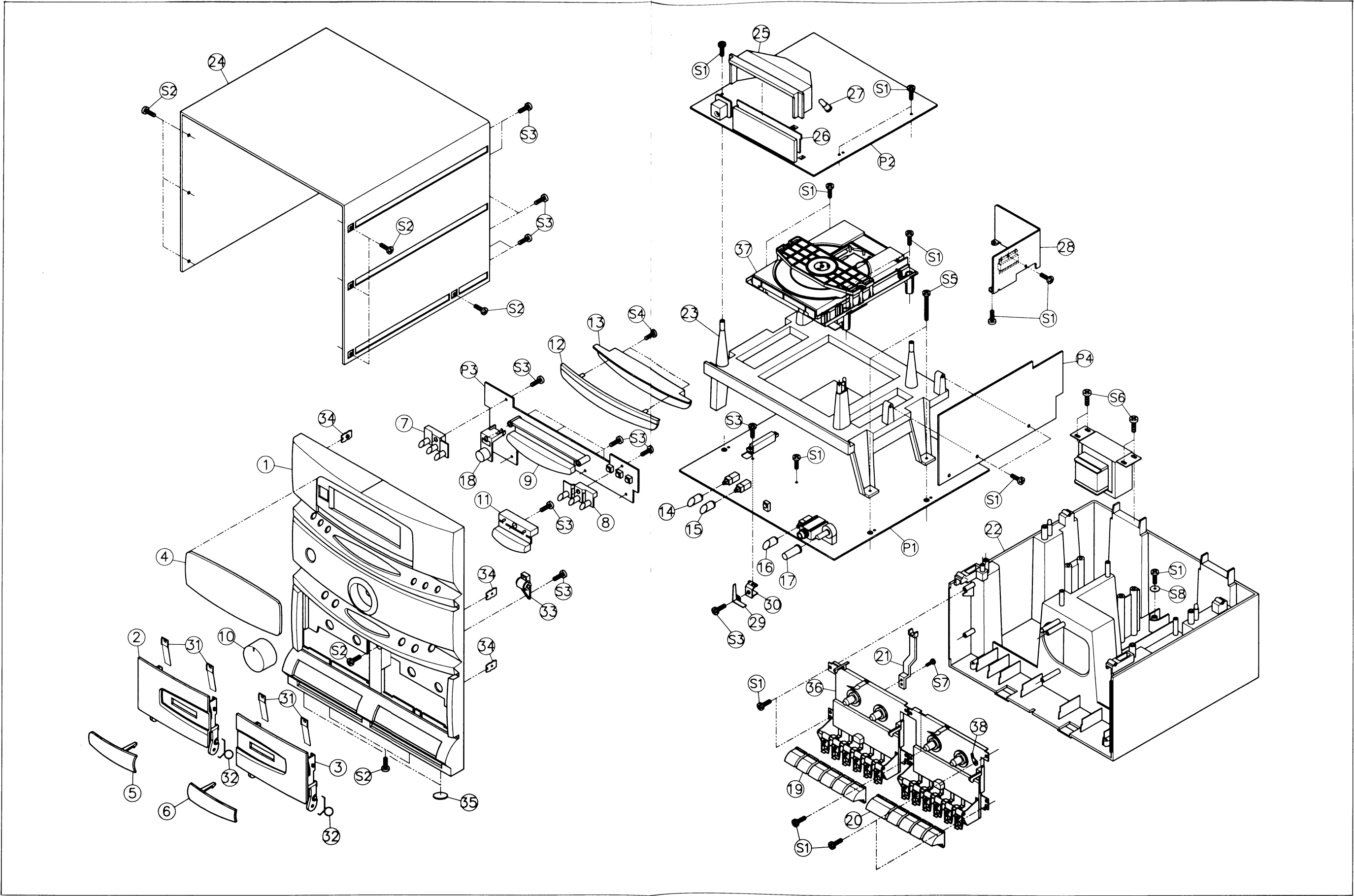
BEFORE RETURNING THE RECEIVER TO THE CUSTOMER,
LEAKAGE CURRENT OR RESISTANCE MEASUREMENTS
SHOULD BE PERFORMED TO DETERMINE THAT EXPOSED PARTS
ARE PROPERLY INSULATED FROM THE SUPPLY CIRCUIT.

CAUTION THE PARTS IDENTIFIED BY SHADING AND
△ MARKS ARE CRITICAL FOR SAFETY. REPLACE ONLY
WITH TYPE IDENTICAL TO THOSE IN THE ORIGINAL CIRCUIT
OR SPECIFIED IN THE 'PARTLIST'. DO NOT DEGRADE THE
SAFETY OF THE APPLIANCE THROUGH IMPROPER SERVICING.

NO.	LOC.	KEY MATRIX	NO.	LOC.	KEY MATRIX
1	SW501	POWER	9	SW509	CD/TUNING/UP
2	SW502	BAND	10	SW510	PLAY/PAUSE
3	SW503	PRESET UP	11	SW511	RANDOM
4	SW504	PRESET DOWN	12	SW512	REPEAT
5	SW505	MODE	13	SW513	REPEAT
6	SW506	OPEN/CL	14	SW514	DISPLAY
7	SW507	STOP	15	SW515	FUNCTION
8	SW508	CD/TUNING/UP			



10. EXPLODED VIEW AND PART LIST
A. MAIN SECTION



■ EXPLODED VIEW LIST

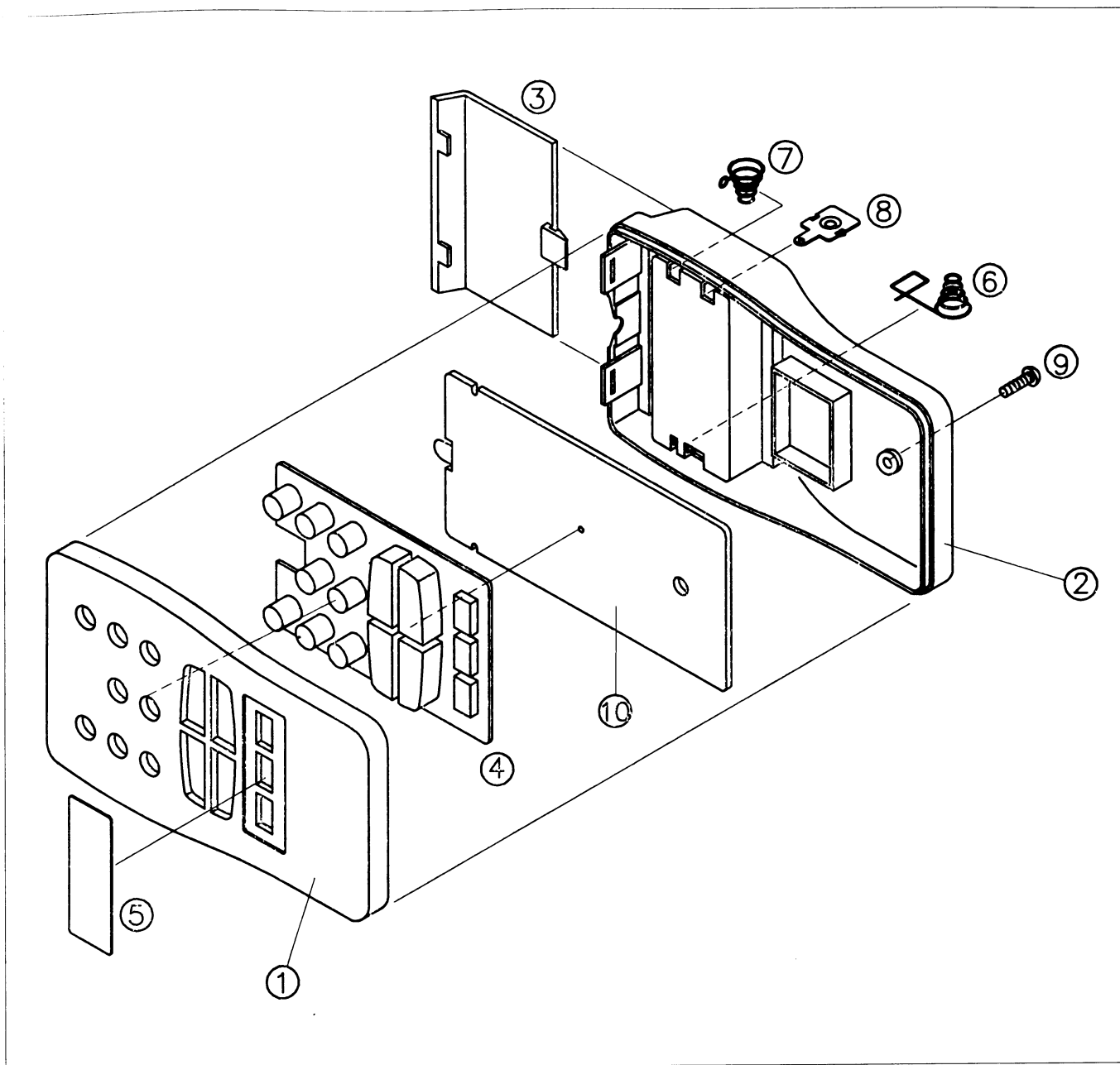
MODEL No. : AMI - 330

NO	PART NAME	CODE NO	DESCRIPTION	Q'TY	REMARK
1	PANEL FRONT	9CD0303300	MIPS SPRAY AMI-330	1	
2	DOOR CASSETTE A	9CD1805700	MIPS SPRAY AMI-330	1	
3	DOOR CASSETTE B	9CD1805800	MIPS SPRAY AMI-330	1	
4	WINDOW LCD	9CD1805800	ACRYL T2.5 AMI-330	1	
5	WINDOW DOOR A	9CD1609200	ACRYL AMI-330	1	
6	WINDOW DOOR B	9CD1609300	ACRYL AMI-330	1	
7	KNOB TUNER FUNCTION	9CD1323300	ABS AMI-330	1	
8	KNOB CD FUNCTION	9CD1323300	ABS AMI-330	1	
9	KNOB CONTROL	9CD1323400	ABS W/SILK AMI-330	1	
10	KNOB VOLUME	9CD1323500	ABS AMI-330	1	
11	KNOB FUNCTION	9CD1324000	ABS AMI-330	1	
12	DOOR CD	9CD1805900	ACRYL AMI-330	1	
13	HOLDER CD DOOR	9CD2302100	ABS AMI-330	1	
14	KNOB PUSH ROCK	9CD1323700	ABS AMI-330	1	
15	KNOB PUSH JAZZ	9CD1323800	ABS AMI-330	1	
16	KNOB PUSH DUBB	9CD1323900	ABS AMI-330	1	
17	KNOB BALANCE	9CD1323600	ABS AMI-330	1	
18	KNOB POWER	9CD1323600	ABS AMI-330	10	
19	KNOB DECK	9CD1324100	ABS AMI-330	1	
20	KNOB DECK PLAY	9CD1324200	ABS AMI-330	1	
21	SLIDER REC	9CD5200100	ACETAL AMI-330	1	
22	CABINET BOTTOM	9CD0123900	MIPS AMI-330	1	
23	CHASSIS CD	9CD0605300	MIPS AMI-330	1	
24	CABINET TOP	9CD012400	MIPS AMI-330	1	
25	HOLDER CD	9CD1803900	ABS WHITE MIPS AMI-330	1	
26	PLATE LCD	9CD0904100	PVC T1.0 WHITE	1	
27	BUSHING LAMP	9CD400300	SI-RUBBER	1	
28	HEAT SINK	9CD4401800	AL PLATE FOR 5W ACD-6000	1	
29	SPRING REC	9CD3005900	SUS T0.4 AMI-310/960	1	
30	BRACKET LEVER	9CD2409300	SECCT1.0 AMI-310/960	1	
31	SPRING C HOLDER	9713008900	STS T0.2	4	COMMON
32	SPRING DOOR EJECT	9CD3004500	STS D1.0	2	
33	DAMPER AS	9CD2602800	DA-12	1	
34	BRACKET FIXING	9CD2408900	SECC T1.0 ACD-6000	4	
35	CUSHION FOOT	9CD4206100	URETHAN FOAM RUBBER	2	
36	MECHANISM (CASS)	9CD6003700	BS-09(P/B HEAD) A/STOP 5W	1	
37	CD MECHANISM	9CD6002500	KSL-2101 ABM	1	
38	LUG EGG	4710302000	BSP	1	

NO	PART NAME	CODE NO	DESCRIPTION	Q'TY	REMARK
S1	SCREW TAPPTITE	7173301011	TTS BIN 3 X 10 MFZN	24	
S2	SCREW TAPPTITE	7173301012	TTS BIN 3 x 10 MFZN BK	18	
S3	SCREW TAPPTITE	7173261011	TT2 BIN 2.6 X 10 MFZN	14	
S4	SCREW TAPPTITE	7273260411	TT3 BIN 2.6 X 4 MFZN	1	
S5	SCREW TAPPTITE	7173302611	TT2 BIN 3 X 25 MFAN	4	
S6	SCREW TAPPTITE	7173401212	TTS BIN 4 X 12 BK	4	
S7	SCREW TAPPTITE	7273200611	TT3 BIN 2 X 6 MFAN	1	
S8	WASHER PLAIN	9733101300	PW T0.8 X D3.2 X D12	1	
P1	PCB MAIN	9CD6568100	247 X 247 T1.6	1	
P2	PCB CD	9CD6568200	197 X 197 T1.6	1	
P3	PCB FRONT	9CD6568300	243 X139 T1.6	1	
P4	PCB TUNER	9CD6567500	197 X 197 T1.6	1	

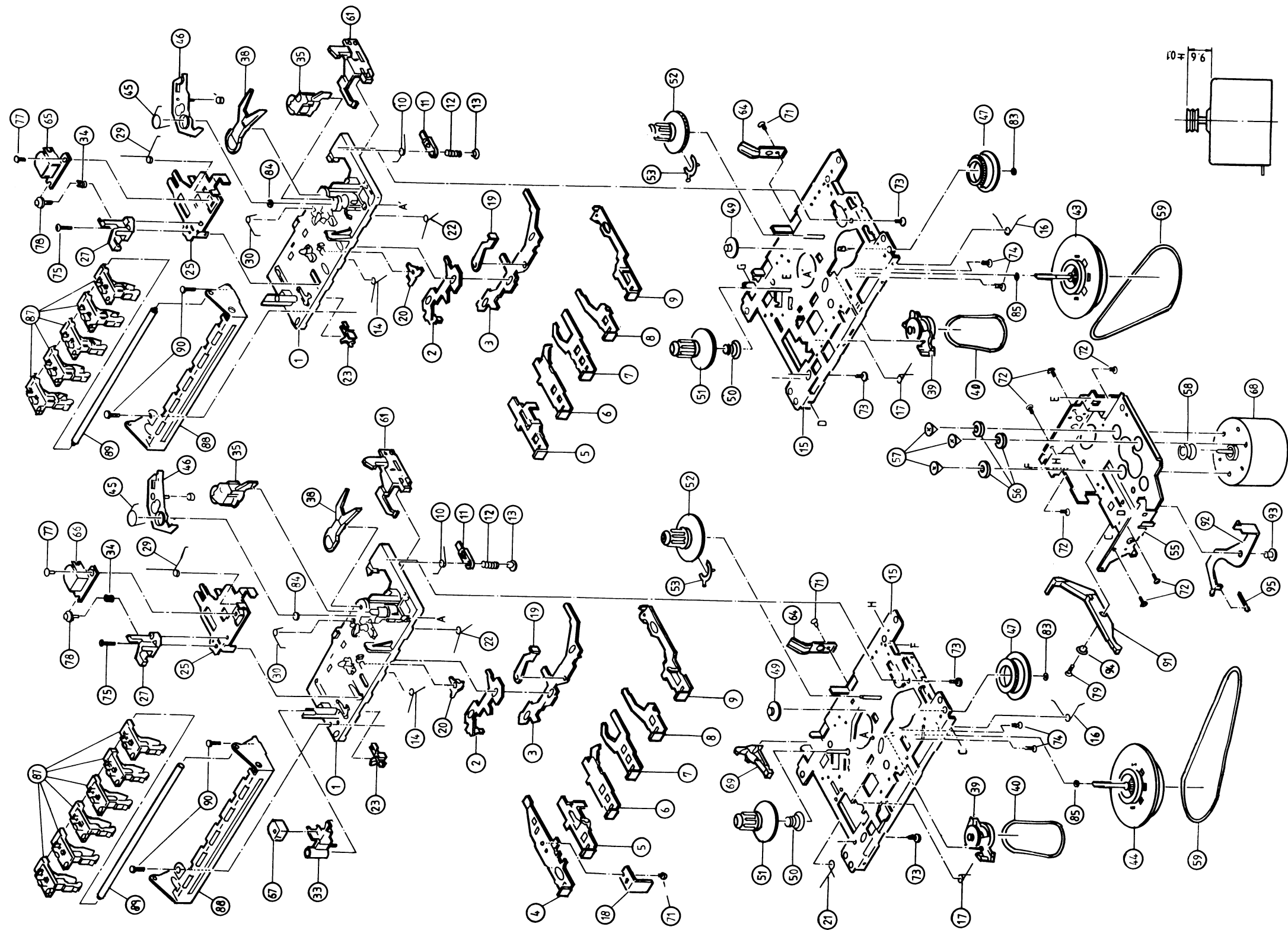
NO	PART NAME	CODE NO	DESCRIPTION	Q'TY	REMARK
S1	SCREW TAPPTITE	7173301011	TTS BIN 3 X 10 MFZN	24	
S2	SCREW TAPPTITE	7173301012	TTS BIN 3 x 10 MFZN BK	18	
S3	SCREW TAPPTITE	7173261011	TT2 BIN 2.6 X 10 MFZN	14	
S4	SCREW TAPPTITE	7273260411	TT3 BIN 2.6 X 4 MFZN	1	
S5	SCREW TAPPTITE	7173302611	TT2 BIN 3 X 25 MFAN	4	
S6	SCREW TAPPTITE	7173401212	TTS BIN 4 X 12 BK	4	
S7	SCREW TAPPTITE	7273200611	TT3 BIN 2 X 6 MFAN	1	
S8	WASHER PLAIN	9733101300	PW T0.8 X D3.2 X D12	1	
P1	PCB MAIN	9CD6568100	247 X 247 T1.6	1	
P2	PCB CD	9CD6568200	197 X 197 T1.6	1	
P3	PCB FRONT	9CD6568300	243 X139 T1.6	1	
P4	PCB TUNER	9CD6567500	197 X 197 T1.6	1	

B. REMOCON SECTION



NO	PART NAME	CODE NO	DESCRIPTION	Q'TY	REMARK
1	CABI TOP REMOC	9CD0122400	ABS	1	
2	CABI BOTTOM REMOC	9CD0122500	ABS	1	
3	COVER BATTERY	9CD0406200	ABS	1	
4	KNOB REMOCON	9CD1319000	SILICON RUBBER	1	
5	PLATE REMOCON B	9CD0905500	LEXAN T0.25	1	
6	SPRING REMOCON ⊖⊕	9CD3005800	SUS	1	
7	SPRING REMOCON ⊖	9CD3005400	PW-1	1	
8	TERMINAL BATT REM	9CD6450200	BsP	1	
9	SCREW TAPTITE	7173261012		1	
10	PCB REMOCON	9CD6564000		1	

11. MECHANISM EXPLODED VIEW AND PART LIST A. CASSETTE DECK



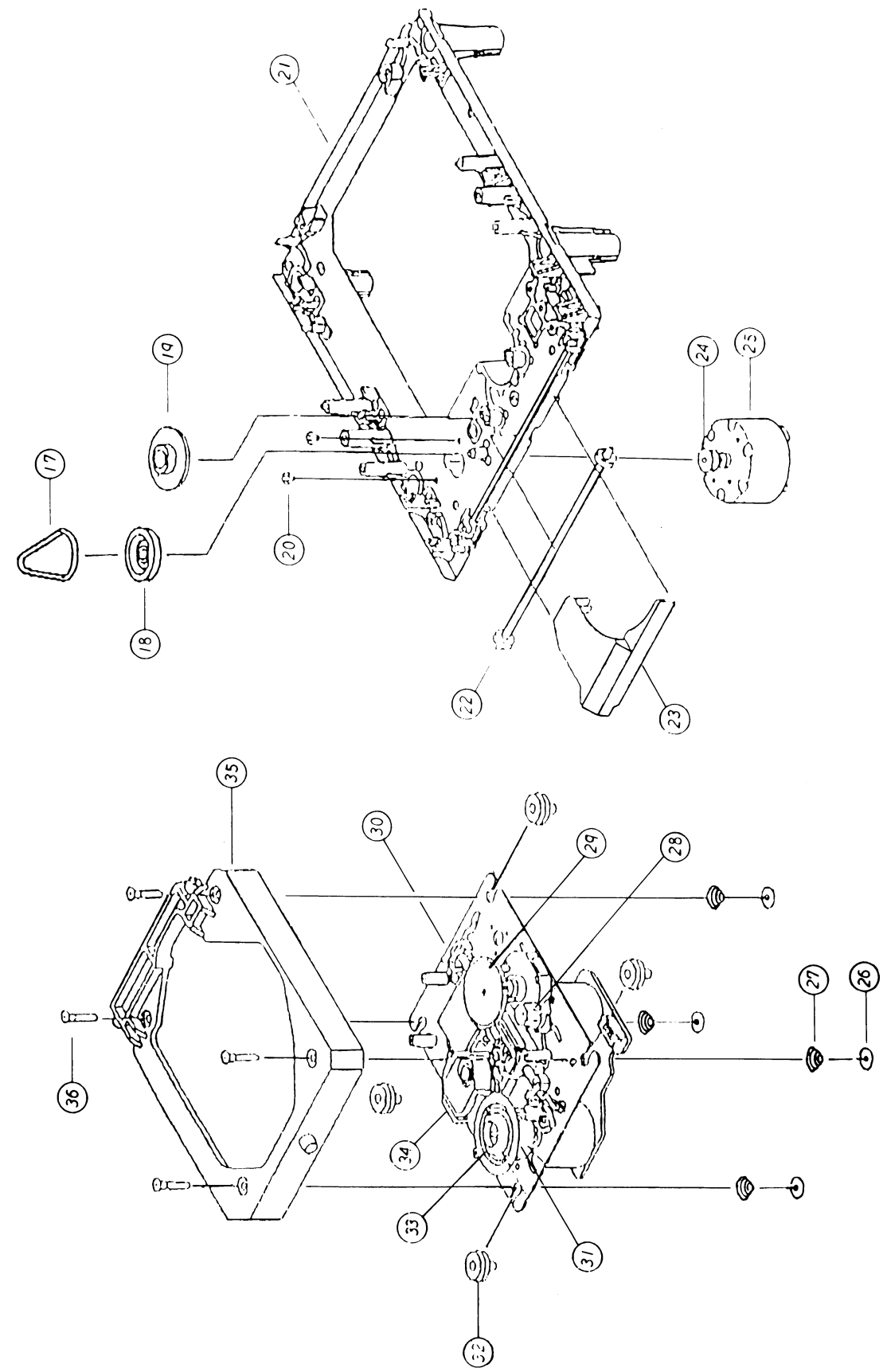
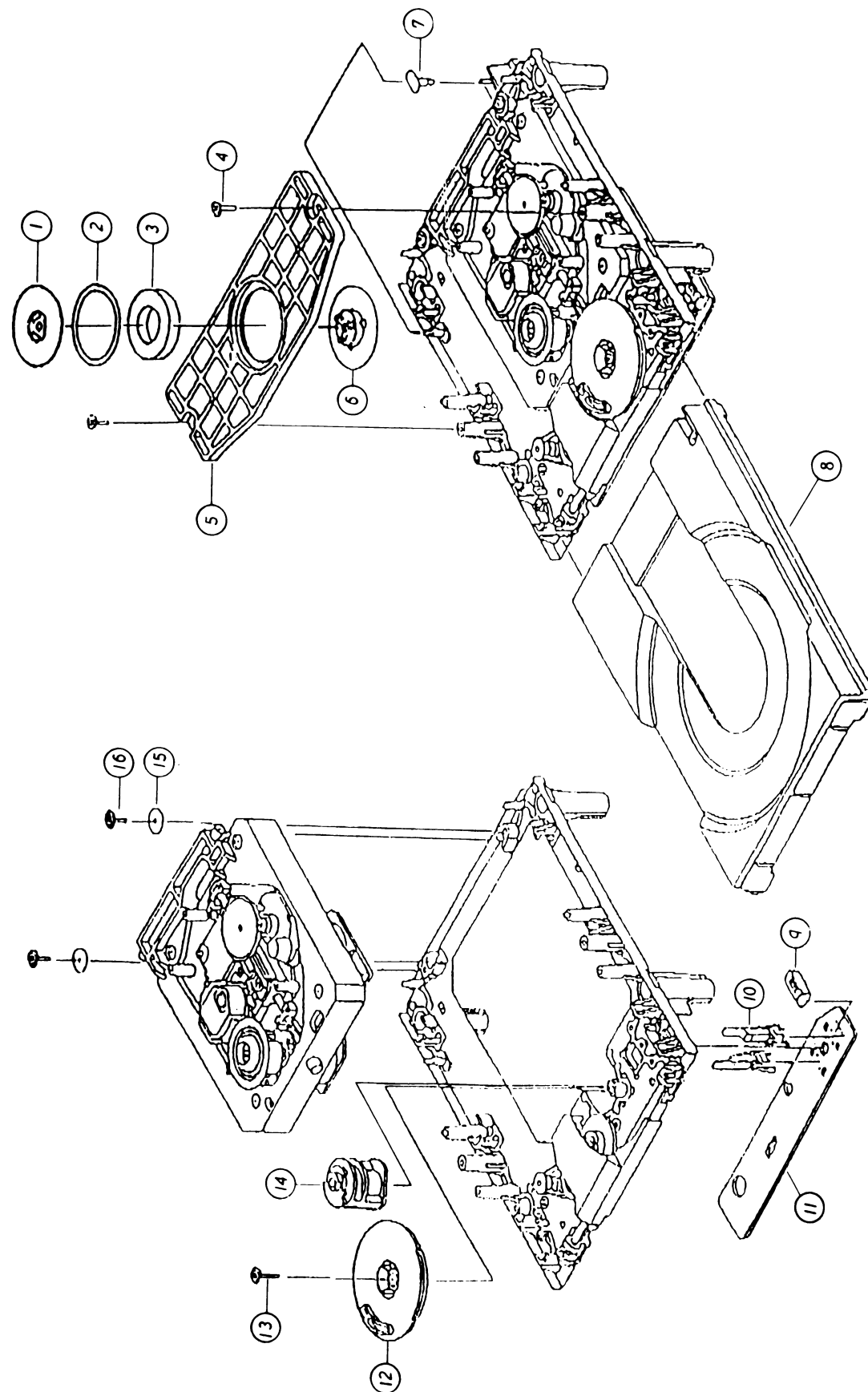
PART LIST FOR MODE : CS-21SW

NO	PARTS NAME	DESCRIPTION	Q'TY	REMARKS
1	BASE ASS'Y	1921 14 301	2	
2	SWITCH ACTUATOR	1921 14 09	2	
3	PUSH BUTTON ACTUATOR	1921 14 08	2	
4	REC BUTTON LEVER	1921 14 22	1	
5	PLAY BUTTON LEVER	1921 14 23	2	
6	REW BUTTON LEVER	1921 14 24	2	
7	FF BUTTON LEVER	1921 14 25	2	
8	STOP BUTTON LEVER	1921 14 26	2	
9	PAUSE BUTTON LEVER	1921 14 61	2	
10	P CONTROL SPRING	1921 14 13A	2	
11	PAUSE LEVER (E)	1921 14 55	2	
12	PAUSE LEVER SPRING	1921 14 12	2	
13	PAUSE STOPPER	1921 14 11	2	
14	BUTTON LEVER SPRING (A)	1921 14 14	2	
15	CHASSIS ASS'Y	1921 01 501	2	
16	E ACTUATOR SPRING	1921 14 16	2	
17	P.S LEVER SPRING	1921 14 17	2	
18	REC SPRING PLATE	1510 02 02	1	
19	E KICK LEVER	1821 01 159	2	
20	PR STOPPER	1921 14 20	2	
21	REC BUTTON LEVER SPRING	1921 14 21	1	
22	BUTTON LEVER SPRING (B)	1921 14 15	2	
23	LEAF SWITCH MSW-1541T	6401 01 149	2	
24				
25	HEAD PANEL	1921 03 11	2	
26				
27	HEAD BASE	1921 034 04A	2	
28				
29	PANEL P SPRING	1921 03 03	2	
30	M CONTROL SPRING	1921 14 18	2	
31				
32				
33	MG ARM	1921 03 05	1	
34	AZIMUTH SPRING	1821 03 07	2	
35	PINGH ROLLER ARM ASS'Y	1921 04 309	2	
36				
37				
38	SENSING LEVER	1921 26 04	2	
39	RF CLUTCH ASS'Y	1921 07 302	2	

NO	PARTS NAME	DESCRIPTION	Q'TY	REMARKS
40	RF BELT	1921 07 03	2	
41				
42				
43	FLYWHEEL ASS'Y	1921 09 304	1	
44	FLYWHEEL ASS'Y	1921 09 303	1	
45	GEAR PLATE SPRING	1921 26 05	2	
46	GEAR PLATE ASS'Y	1921 26 501	2	
47	CAM GEAR	1921 26 02	2	
48				
49	FF GEAR	1821 10 70	2	
50	BACK TENSION SPRING	1829 10 10	2	
51	SUPPLY REEL ASS'Y	1921 05 304	2	
52	TAKE UP REEL ASS'Y	1921 05 303	2	
53	SENER	1921 05 06	2	
54				
55	MOTOR BRACKET	1921 12 11	1	
56	MOTOR RUBBER	1820 13 06	3	
57	MOTOR COLLER SCREW	1821 12 02	3	
58	MOTOR PULOLEY	1921 12 13	1	
59	MAIN BELT	1821 12 22	2	
60	ANTI VIBRATION FELT MAT	1921 12 12	2	
61				
62	EJECT SLIDE LEVER	1921 13 02	2	
63				
64	PACK SPRING	1829 10 01	2	
65	P. HEAD		1	
66	R.P. HEAD		1	
67	E. HEAD		1	
68	MOTOR		1	
69	RECORD SAFETY LEVER	1821 10 69	1	
70				
71	C TAPPING SCREW M2 X 3	9179 00 00	3	
72	C TAPPING SCREW M2 X 4	9180 00 00	6	
73	P TAPPING BING SCREW M2 X 5	9679 00 00	4	
74	TAPPING SCREW (FOR CAMERA) M2 X 4.5	9999 18 09	4	
75	SCREW M2 X 6	9004 00 00	2	
76				
77	⊕ BIND SCREW M2 X3	9115 00 00	2	
78	AZIMUTH SCREW M2 X7	9922 00 00	2	
79	C TAPPING SCREW M2 X 6	9182 00 00	1	
80				

NO	PARTS NAME	DESCRIPTION	Q'TY	REMARKS
81				
82				
83	P WASHER CUT 1.2 X 3.8 X 0.3	9422 00 00	2	
84	P WASHER CUT 1.45 X 3.8 X 0.5	9999 03 13	2	
85	P WASHER 2 X 3.5 X 0.3	9786 00 00	2	
86				
87	OPERATION LEVER	1821 31 07	11	
88	BUTTON FRAME (S)	1821 31 06	2	
89	BUTTON LEVER SHAFT	1829 31 03	2	
90	S TAPPNG SCREW (FOR CAMERA) M2 X 8 (GUDE)	9999 14 02	4	
91	P KICK LEVER (B)	1921 12 09	1	
92	P KICK LEVER (A)	1821 12 68	1	
93	PK COLLER SCREW (A)	1821 12 23	1	
94	COLLER (B)	1821 12 65	1	
95	P KICK LEVER SPRING	1821 12 25	1	

B. CD DECK



KSL-2101ABM PART LIST

NO	PART NO	PART NAME	Q'TY	REMARKS
1	2-625-537-01	YOKE (S) CHGUCKING	1	
2	2-625-541-02	DAMPER (S)	1	
3	1-452-483-21	MAGNET	1	
4	2-626-284-01	SCREW (KPTPWH 2.6 X 6)	2	
5	2-625-546-01	PLATE (S) CHUCKING	1	
6	2-625-548-02	PULLY (G) GHUCKING	1	
7		SU PIN	2	
8	2-625-550-03	TRAY (S)	1	
9	1-564-721-11	PIN CONNECTOR	1	
10	1-527-085-11	SWITCH LEAF	2	
11	1-640-523-12	PC BOARD LOADING	1	
12	2-825-547-03	GEAR (S) DRIVE	1	
13	3-316-301-51	SCREW (PTPWH 2.6 X 16)	1	
14	2-625-545-04	CAM (S) CONTROL	1	
15		FALT WASHER	2	
16	2-626-284-01	SCREW (P-TPWH 2.6 X 7)	2	
17	3-853-387-01	BELT LM	1	
18	2-625-536-02	LOADING PULLY	1	
19	2-625-536-02	PULL (S), MIDWAY	1	
20	2-625-279-01	SCREW B2.6 X 5	2	
21	2-625-552-06	CHASSIS (S) OUTSERT MAIN	1	
22	2-625-535-01	GEAR (S) TRAY	1	
23	2-625-644-01	COVER (S) GEAR	1	
24		MOTOR PULLY	1	
25	X-2625-117-1	LOADING MOTOR ASSEMBLY	1	
26	2-625-730-01	WASHER BASED SCREW	4	
27	2-625-730-01	SPRING (S)	4	
28		MOTOR GEAR	1	
29		GEAR (A)	1	
30		OUTSERT MAIN CHASSIS	1	
31		TURNTABLE	1	
32		INSULATOR	4	
33		CENTER KING	1	
34		OPITICAL PICK UP	1	
35	X-2625-227-2	CHASSIS ASS'Y (G) SUB	1	
36		INSULATOR PIN	4	

12. ELECTRICAL PART LIST

■ MAIN P.C.B.

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
10000	9CDC036100		PCB MAIN AS	AMI-332F
B001	9CD6568100		PCB MAIN	247 × 247 T1.6
CD901	9736900200	9736900200	CORD AC	KKP419C, KLCE-2F, 0.75SQUIRE
CW101	9CD8806900		CONN AS	#26 2547 1007 4P 200MM
CW401	9CD8806100		CONN AS	#26 2547*2 6P 250MM
CW505	9CD8806700		CONN AS	#26 1007 11P 350MM
CW512	9CD8806600		CONN AS	#28 2547 × 1007 8P 200MM
CW601	9CD8805300		CONN AS	#28 2547 3P 450MM
CW602	9CD8805400		CONNJAS	#28 2447*2 6P 300MM
CW603	9CD8805200		CONN AS	#26 1007 8P 350MM
C301	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C302	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C303	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C304	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C401	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C402	CEXE1HR79A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C403	CEXE1E220A	CEXE1E220A	C ELECTRO	25V RS 22MF 5 × 11 5T
C404	CEXE1E220A	CEXE1E220A	C ELECTRO	25V RS 22MF 5 × 11 5T
C405	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C406	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C407	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C408	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C409	CMXM1H223J	CMXM1H223J	C MYLAR	50V 0.022MF J
C410	CMXM1H223J	CMXM1H223J	C MYLAR	50V 0.022MF J
C411	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 X 11) TP
C412	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C413	CEXE1E220A	CEXE1E220A	C ELECTRO	24V RS 22MF 5 × 11 5T
C414	CEXE1E220A	CEXE1E220A	C ELECTRO	24V RS 22MF 5 × 11 5T
C415	CMXM1H472J	CMXM1H472J	C MYLAR	50V 0.0047MF J
C416	CMXM1H472J	CMXM1H472J	C MYLAR	40V 0.0047MF J
C417	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C418	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C419	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11)TP
C420	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C421	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C422	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C423	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C424	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C425	CMXM1H104J	CMXM1H104J	C MYLAR	50V 0.1MF J
C426	CMXM1H1-4J	CMXM1H104J	C MYLAR	50V 0.1MF J
C427	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C428	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C429	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C430	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C431	CCKF1H103Z	CCKF1H103Z	C CERA	HIKF 50V 0.01MF Z AXIAL
C601	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C602	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C603	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C604	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C605	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C606	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MFJ
C607	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C608	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C609	CEXE13460A	CEE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C610	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C611	CMXM1H183J	CMXM1H183J	C MYLAR	50V 0.018MF J
C612	CMXM1H183J	CMXM1H183J	C MYLAR	50V 0.018MF J
C613	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C614	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C615	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C616	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C617	CEXE1H229A	CEXE1H229A	C ELECTRO	50V RS 2.2MF (5 × 11) TP
C618	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C619	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C620	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C621	CMXM1H152K	CMXM1H152K	C MYLAR	50V 1500 PF K
C622	CMXM1H152K	CMXM1H152K	C MYLAR	50V 1500 PF K
C623	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C624	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C625	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C626	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C627	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C628	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C629	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C630	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C631	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C632	CCKB1H101K	CCKB1H101K	C CERA	GIKB 50V 100PF K AXL 26MM
C633	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C634	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C635	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C426	CMXM1H1-4J	CMXM1H104J	C MYLAR	50V 0.1MF J
C427	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C428	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C429	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C430	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C431	CCKF1H103Z	CCKF1H103Z	C CERA	HIKF 50V 0.01MF Z AXIAL
C601	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C602	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C603	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C604	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C605	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C606	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MFJ
C607	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C608	CKSL1H390J	CKSL1H390J	C CERA	SL 50V 39PF J AXL 26MM
C609	CEXE13460A	CEE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C610	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C611	CMXM1H183J	CMXM1H183J	C MYLAR	50V 0.018MF J
C612	CMXM1H183J	CMXM1H183J	C MYLAR	50V 0.018MF J
C613	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C614	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C615	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C616	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C617	CEXE1H229A	CEXE1H229A	C ELECTRO	50V RS 2.2MF (5 × 11) TP
C618	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C619	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C620	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C621	CMXM1H152K	CMXM1H152K	C MYLAR	50V 1500 PF K
C622	CMXM1H152K	CMXM1H152K	C MYLAR	50V 1500 PF K
C623	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C624	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C625	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C626	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C627	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C628	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C629	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C630	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C631	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C632	CCKB1H101K	CCKB1H101K	C CERA	GIKB 50V 100PF K AXL 26MM
C633	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C634	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C635	CMXM1H122J	CMXM1H122J	C MYLAR	50V 0.0012MF J
C636	CKSL1H470J	CKSL1H470J	C CERA	SL 50V 47PF J AXL 26MM
C637	CKSL1H470J	CKSL1H470J	C CERA	SL 50V 47PF J AXL 26MM
C639	CEXE1E220A	CEXE1E220A	C ELECTRO	25V RS 22MF 5 × 11 5T
C640	CMXM1H152K	CMXM1H152K	C MYLAR	50V 1500 PF K
C641	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C642	CMXM1H332J	CMXM1H332J	C MYLAR	50V 3300 PF J
C643	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.01MF J
C644	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C645	CEXE1H228A	CEXE1H228A	C ELECTRO	50V RS 0.22MF (5 × 11) TP
C646	CEXE1C221A	CEXE1C221A	C ELECTRO	16V RS 220MF 10 × 12.5
C647	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.01MF J
C648	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C649	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C801	CEXE1HR79A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C802	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C803	CCKF1H333Z		C CERA	HIKF 50V 0.033MF
C804	CCKF1H333Z		C CERA	HIKF 50V 0.033MF
C805	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C806	CCKB1H221K	CCKB1H221K	C CERA	HIKB 50V 220PF K AXL 26MM
C807	CCKB1H221K	CCKB1H221K	C CDRA	HIKB 50V 220PF K AXL 26MM
C808	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C809	CEXE1E101A	CEXE1E101A	C ELECTRO	24V RS 100MF 8 × 11.5
C810	CMXM1H154J	CMXM1H154J	C MYLAR	50V 0.15MF J
C811	CMXM1H154J	CMXM1H154J	C MYLAR	50V 0.15MF J
C812	CEXE1E221A	CEXE1E221A	E ELECTRO	24V RS 220MF 10 × 16
C813	ECXE1E221A	CEXE1E221A	C ELECTRO	24V RS 220MF 10 × 16
C814	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C815	CEXE1E470A	CEXE1E470A	C ELECTRO	24V RS 47MF 6.3*11
C816	CEXE1C102A	CEXE1C102A	C ELECTRO	16V RS 1000MF 13 × 20
C817	CEXE1C102A	CEXE1C102A	C ELECTRO	16V RS 1000MF 13 × 20
C901	CMXM1H104J	CMXM1H104J	C MYLAR	50V 0.1MF J
C902	CMXM1H104J	CMXM1H104J	C MYLAR	50V 0.1MF J
C903	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C904	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C905	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C906	CEXE1E332A	CEXE1E332A	C ELECTRO	RS 25V 3300MF 18*40
C907	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C908	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C909	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C910	CEYE1E222A	CEYE1E222A	C ELECTRO	25V 2200MF RS 16 × 35.5
C911	CEYE1E222A	CEYE1E222A	C ELECTRO	25V 2200MF RS 16 × 35.5
C912	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
D401	DKTZ4R7A--	DKTZ4R7A--	DIODE ZENER	MTZ-4.7 26MM TAPPING
D402	DKTZ6R2A--	DKTZ6R2A--	DIODE ZENER	MTZ-6.2 26MM TAPPING
D403	DKTZ6R2A--	DKTZ6R2A--	DIODE ZENER	MTZ-6.2 26MM TAPPING
D404	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D601	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D602	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D603	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D604	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D605	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D606	DK22133---	DKSS133---	DIODE	1SS133 ATUO 26MM
D607	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D901	DKN4001A--	DKN4001A--	DIODE	KN4001A AUTO 26MM
D902	DKN4001A--	DKN4001A--	DIODE	KN4001A AUTO 26MM
D903	DKN4001A--	DKN4001A--	DIODE	KN4001A AUTO 26MM
D904	DKN4001A--	DKN4001A--	DIODE	KN4001A AUTO 26MM
D905	DRL202----	DRS202----	DIODE	RL202
D906	DRL202----	DRL202----	DIODE	RL202
D907	DRL202----	DRL202----	DIODE	RL202
D908	DRL202----	DRL202----	DIODE	RL202
D909	DKTZ13A---	DKTZ13A---	DIODE ZENER	NTZ-13 26MM TAPPING
D910	DKTZ13A---	DKTZ13A---	DIODE ZENER	MTZ-13 26MM TAPPING
D911	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
FC903	9734600700	9734700700	CLIPK FUSE	FC-5N
FC904	9734600700	9734600700	CLIP FUSE	FC-5N
F902	5FSGB311SL		FUSE GLASS TUBE	SEMKO TL 0.315A 250V MF51
IC401	1TC4066BP-	1TC4066BP-	IC	TC 4066BP
IC402	1TC4066BP-	1TC4066BP-	IC	TC 4066BP
IC403	1MC3403N--	1MC3403N--	IC	MC3403N
IC404	1BA6209N--	1BA6209N--	IC	BA6209N
IC601	1TA8189N--	1TA8189N--	IC	TA8189N
IC801	1TA8207K--	1TA8207K--	IC	TA8207K
J301	9CD6313700	9CD6313700	JACK RCA	S-436P
J801	9736320500	9736320500	JACK SPEAKER	CJ-9007-040
J802	9766319501	9766319501	JACK HEADPHONE	HTJ-064-05B GOLD
L601	5L00000500	5L00000500	COIL OSC	0500 10 × 10 BK
L602	5LC333K804	5LC333K804	COIL CHOKE	33MH K
L603	5LC333K804	5LC333K804	COIL CHOKE	33MH K
L604	5LC333K804	5LC333K804	COIL CHOKE	33MH K

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
L605	5LC333K804	5LC333K804	COIL CHOKE	33MH K
L801	W581GY5095	W581GY5095	WIRE JUMPER	AWG22 1/0.65 SN 5 AUTO
L802	W581GY5095	W581GY5095	WIRE JUMPER	AWG22 1/0.65 SN 5 AUTO
L803	W581GY5095	W581GY5095	WIRE JUMPER	AWG22 1/0.65 SN 5 AUTO
L804	W581GY5095	W581GY5095	WIRE JUMPER	AWG22 1/0.65 SN 5 AUTO
PT901	5TPI060692		TRANS OPWER	EI=60 230V 50HZ
Q401	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q402	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q403	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q404	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q405	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q406	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q407	TZTC2878B-	TZTC2878B-	TR	KTC2878-B (AUTO)
Q408	TZTC2878B-	TZTC2878B-	TR	KTC2878-B (AUTO)
Q601	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q602	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q603	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q604	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q605	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y (AUTO) (1015Y)
Q606	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y (AUTO) (1015Y)
Q607	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q608	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y-(AUTO) (1015Y)
Q609	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q610	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q901	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y-(AUTO) (1015Y)
Q902	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q903	TKTB1366Y-	TKTB1366Y--	TR	KTb13566Y
Q904	TKTD2058Y-	TKTD2058Y-	TR	KTD 2058-Y
Q905	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q906	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y-(AUTO) (1015Y)
Q907	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y-(AUTO) (1015Y)
Q908	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
RV601	RV6417222-	RV6417222-	R SEMI FIXED	VM6CK-PV (IS) 2.2K OHM B
R301	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R302	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R303	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R304	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R401	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R402	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R403	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R404	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R405	RD-4Z562JK	RD-4Z562JK	R CARBON FILM	1/4 5.6K OHM J
R406	RD-4Z562JK	RD-4Z562JK	R CARBON FILM	1/4 5.6K OHM J
R407	RD-4Z392JK	RD-4Z392JK	R CARBON FILM	1/4 3.9K OHM J
R408	RD-4Z392JK	RD-4Z392JK	R CARBON FILM	1/4 3.9K OHM J
R409	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R410	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R411	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R412	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R413	RD-4Z123JK	RD-4Z123JK	R CARBON FILM	1/4 12K OHM J
R414	RD-4Z123JK	RD-4Z123JK	R CARBON FILM	1/4 12K OHM J
R415	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R416	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R417	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R418	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R419	RD-4Z153JK	RD-4Z153JK	R CARBON FILM	1/4 15K OHM J
R420	RD-4Z153JK	RD-4Z153JK	R CARBON FILM	1/4 15K OHM J
R421	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R422	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R423	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R424	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R425	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R426	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R427	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R428	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R429	RD-4Z153JK	RD-4Z153JK	R CARBON FILM	1/4 15K OHM J
R430	RD-4Z153JK	RD-4Z153JK	R CARBON FILM	1/4 15K OHM J
R431	RD-4Z822JK	RD-4Z822JK	R CARBON FILM	1/4 8.2K OHM J
R432	RD-4Z822JK	RD-4Z822JK	R CARBON FILM	1/4 8.2K OHM J
R433	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R434	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R435	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R436	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R437	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R438	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R439	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R440	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R441	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R442	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R443	RD-4Z330JK	RD-4Z330JK	R CARBON FILM	1/4 33 OHM J
R444	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
R445	RD-4Z561JK	RD-4Z561JK	R CARBON FILM	1/4 560 OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R446	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470 OHM J
R447	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47 OHM J
R448	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47 OHM J
R449	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47 OHM J
R601	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R602	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R603	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R604	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R605	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R606	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R607	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8 OHM J
R608	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8 OHM J
R609	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2 OHM J
R610	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2 OHM J
R611	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R612	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R613	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R614	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R615	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R616	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R617	RD-4Z184JK	RD-4Z184JK	R CARBON FILM	1/4 180K OHM J
R618	RD-4Z184JK	RD-4Z184JK	R CARBON FILM	1/4 180K OHM J
R619	RD-4Z271JK	RD-4Z271JK	R CARBON FILM	1/4 270 OHM J
R620	RD-4Z271JK	RD-4Z271JK	R CARBON FILM	1/4 270 OHM J
R621	RD-4Z334JK	RD-4Z334JK	R CARBON FILM	1/4 330K OHM J
R622	RD-4Z334JK	RD-4Z334JK	R CARBON FILM	1/4 330K OHM J
R623	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R624	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8 OHM J
R625	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8 OHM J
R626	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R627	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R628	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R629	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R630	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R631	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R632	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R633	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R634	RD-4Z124JK	RD-4Z124JK	R CARBON FILM	1/4 120K OHM J
R635	RD-4Z124JK	RD-4Z124JK	R CARBON FILM	1/4 120K OHM J
R636	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R637	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R638	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220K OHM J
R639	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R640	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R641	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56 OHM J
R642	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56 OHM J
R643	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R644	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R645	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R646	RD-4Z273JK	RD-4Z273JK	R CARBON FILM	1/4 27K OHM J
R647	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R648	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R649	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R650	RD-4Z182JK	RD-4Z182JK	R CARBON FILM	1/4 1.8K OHM J
R651	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R652	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R653	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R654	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R655	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R656	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R657	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R658	RD-4Z121JK	RD-4Z121JK	R CARBON FILM	1/4 120 OHM J
R659	RD-4Z333JK	RD-4Z333JK	R CARBON FILM	1/4 33K OHM J
R660	RD-4Z829JK	RD-4Z829JK	R CARBON FILM	1/4 8.2 OHM J
R661	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R662	RD-4Z472JK	RD-4Z47SJK	R CARBON FILM	1/4 4.7K OHM J
R663	RD-4Z153JK	RD-4Z153JK	R CARBON FILM	1/415K OHM J
R664	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8K OHM J
R801	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R802	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R803	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R804	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R805	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R806	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R807	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R808	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2K OHM J
R809	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2K OHM J
R810	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220 OHM J
R811	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220 OHM J
R812	RD-4Z561JK	RD-4Z561JK	R CARBON FILM	1/4 560 OHM J
R813	RD-4Z561JK	RD-4Z561JK	R CARBON FILM	1/4 560 OHM J
R814	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R901	RF-4Y478J-	RF-4Y478J-	R FUSIBLE	1/4 0.47 OHM J
R902	RF-4Y478J-	RF-4Y478J-	R FUSIBLE	1/4 0.47 OHM J
R903	RD-4Z154JK	RD-4Z154JK	R CARBON FILM	1/4 150K OHM J
R904	RD-4Z562JK	RD-4Z562JK	R CARBON FILM	1/4 5.6K OHM J
R905	RD-4Z273JK	RD-4Z273JK	R CARBON FILM	1/4 27K OHM J
R906	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R907	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1M OHM J
R908	RD-4Z181JK	RD-4Z181JK	R CARBON FILM	1/4 180 OHM J
R909	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R910	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R911	RD-4Z181JK	RD-4Z181JK	R CARBON FILM	1/4 180 OHM J
R912	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R913	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R914	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R915	RD-4Z829JK	RD-4Z829JK	R CARBON FILM	1/4 8.2 OHM J
SW401	5S40202300	5S40202300	SW PUSH	SPUY19SM 2C-2P
SW402	5S40202300	5S40202300	SW PUSH	SPUY19SM 2C-2P
SW515	5S50101008	5S50101008	SW TACT	KPT-1105V 1C-1P
SW601	5S30602329	5S30602329	SW SLIDE	SSCK106S0E
SW602	5S40202300	5S40202300	SW PUSH	SPUY19SM 2C-2P
SW801	5S50101008	5S50101008	SW TACT	KPT-1105V 1C-1P
TP901	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP902	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP903	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP904	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP905	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP906	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP907	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP908	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
TP911	9716404000	9716404000	PIN WRAPPING	MFZN1. 1 × 1 1 PANASERT
VR402	5V1104721B		VR RPTARY	RK16K1150-100KB
W401	OCD8805500		WIRE RIBBON	#28 2547 3P 200MM
W801	WP-4072017		WIRE RIBBON	#26 1007 7P 200MM
W802	WP-4GY2017		WIRE LEAD	AWG26 7/0.16 GY 10-200-10
00010	9CD1323700		KNOB SUSH ROCK	ABS AMI-330
00020	OCD1323800		KNOB PUSH JAZZ	ABS AMI-330
00030	9CD1323900		KNOB PUSH DUBB	ABS AMI-330
00040	9CD1324300		KNOB BALANCE	ABS AMI-330
00050	9CD3005900		SPORING REC	SUS T0.4 AMI-310/960
00060	9CD2409300		BRACKET LEVER	SECC T1.0 AMI-310/960
00070	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 2.6 × 10 MFZN

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
00080	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 2.6 × 10 MFZN
00090	9CD4401800	9CD4401800	HEAT SINK	AL PLATE FOR 5W ACD-6000
00100	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00110	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00120	9CD4402000		HEAT SINK LCD	BSP T1.0 AMI-960

■ CD P.C.B

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
12000	9CDC036300		PCB CD AS	AMI-332F
B001	9CD6568200		PCB CD	197 × 197 T1.6
CN505	9CD8806700		CONN AS	#26 1007 11P 350MM
CN511	9CD8805600		CONN AS	#28 2547*2 1007*2 8P300MM
CN512	9CD8806600		CONN AS	#28 2547 × 1007 8P 200MM
CW501	9CD8806000		CONN AS	#28 1007 8P 200MM WH
CW502	9CD8805900		CONN AS	#28 1007 8P 200MM RED
CW503	9CD8805800		CONN AS	#28 1007 6P 150MM
CW504	9CD8805700		CONN AS	#28 1007 5P 100MM
CW506	9CD8806800		CONN AS	#26 1007 8P 200MM
CW507	9CD8807000		CONN AS	#26 1007 5P 200MM
CW510	9CD8806200		CONN AS	#26 1007 3P 250MM
CW515	9CD8806400		CONN AS	#26 1007 2P 200MM
C501	CEXE1E1001A	CEXE1E101A	C ELECTRO	24V RS 100MF 8 × 11.5
C502	CMXM1H102J	CMXM1H102J	C MYLAR	50V 0.001MF J
C503	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C504	CMXM1H222J	CMXM1H222J	C MYLAR	50V 2200PF J
C505	CEXE1E101A	CEXE1E101A	C ELECTRO	24V RS 100MF 8 × 11.5
C506	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C507	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.01MF J
C508	CMXM1H333J	CMXM1H333J	C MYLAR	50V 0.033MF J
C509	CEXE1H478A	CEXE1H478A	C ELECTRO	50V RS 0.47MF (5 × 11) TP
C510	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.0MF J
C511	CMXM1H333J	CMXM1H333J	C MYLAR	50V 0.033MF J
C512	CEXE1E101A	CEXE1E101A	C ELECTRO	24V RS 100MF 8 × 11.5
C513	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C514	CMXM1H222J	CMXM1H222J	C MYLAR	50V 2200PF J
C515	CMXM1H68SJ	CMXM1H68SJ	C MYLAR	50V 0.0068MF J
C516	CMXM1H222J	CMXM1H222J	C MYLAR	50V 2200PF J
C517	CMXM1H473J	CMXM1H473J	C MYLAR	50V 0.047MF J
C518	CMXM1H104J	CMXM1H104J	C MYLAR	50V 0.1MF J
C519	CMXM1H104J	CMXM1H104J	C MYLAR	50V 0.1MF J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C520	CEXE1H339A	CEXE1H339A	C ELECTRO	50V RS 3.3MF (5 × 11) TP
C521	CMXM1H333J	CMXM1H333J	C MYLAR	50V 0.033MF J
C522	CCKB1H151K	CCKB1H151K	C CERA	HIKB 50V 150PF K AXL 26MM
C523	CMXM1H183J	CMXM1H183J	C MYLAR	50V 0.018MF J
C524	CMXM1H683J	CMXM1H683J	C MYLAR	50V 0.068MF J
C525	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C526	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C527	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C528	CEXE1H478A	CEXE1H478A	C ELECTRO	50V RS 0.47MF (5 × 11) TP
C529	CEXE1H478A	CEXE1H478A	C ELECTRO	50V RS 0.47MF (5 × 11) TP
C530	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C531	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C532	CEXE1H478A	CEXE1H478A	C ELECTRO	50V RS 0.47MF (5 × 11) TP
C533	CMXM1H333J	CMXM1H333J	C MYLAR	50V 0.033MF J
C534	CCKB1H102K	CCKB1H102K	C CERA	HIKB 50V 1000PF K AXL 26M
C535	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C536	CMXM1H472J	CMXM1H47SJ	C MYLAR	50V 0.0047MF J
C537	CEXE1H478A	CEXE1H478A	C ELECTRO	50V RS 0.47MF (5 × 11) TP
C538	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C539	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C540	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C541	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C542	CKCH1H150J	CKCH1H150J	C CERA	CH 50V 15PF J AXL 26MM
C543	CKCH1H150J	CKCH1H150J	C CERA	CH 50V 15PF J AXL 26MM
C544	CKCH1H270J	CKCH1H270J	C CERA	CH 50V 27PF J AXL 26MM
C545	CKCH1H270J	CKCH1H270J	C CERA	CH 50V 27PF J AXL 26MM
C546	CKCH1H104J	CKCH1H104J	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C547	CKCH1H104J	CKCH1H104J	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C548	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C549	CCKB1H681K	CCKB2H681K	C CERA	HIKB 50V 680PF K AXLO 26MM
C550	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.0022MF Z 26MM
C551	CEXE1ER101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C552	CEXE1H339A	CEXE1H339A	C ELECTRO	50V RS 3.3MF (5 × 11) TP
C553	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C555	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C557	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C558	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C559	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C560	CEXE1H479A	CEXE1H479A	C ELECTRO	50V RS 4.7MF (5 × 11) TP
C561	CKCH1H220J	CKCH1H220J	C CERA	CH 50V 22PF J AXL 26MM
C562	CKCH1H220J	CKCH1H220J	C CERA	CH 50V 22PF J AXL 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C563	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C564	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C565L	CEXE1H479A	CEXE1H497A	CELECTRO	50V RS 4.7MF (5 × 11) TP
C565R	CEXE1H479A	CEXE1H497A	CELECTRO	50V RS 4.7MF (5 × 11) TP
C566L	CMXM1H682J	CMXM1H682J	C MYLAR	50V 0.0068FM J
C566R	CMXM1H682J	CMXM1H682J	C MYLAR	50V 0.0068FM J
C567L	CMXM1H682J	CMXM1H682J	C MYLAR	50V 0.0068FM J
C567R	CMXM1H682J	CMXM1H682J	C MYLAR	50V 0.0068FM J
C568L	CKSL1H680J	CKSL1H680J	C CERA	SL 50V 68PF J AXL 26MM
C568R	CKSL1H680J	CKSL1H680J	C CERA	SL 50V 68PF J AXL 26MM
C569L	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C569R	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5 × 11) TP
C570	CEXE1H101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C571	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C572L	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C572R	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C573	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C574	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C575L	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C575R	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5 × 11) TP
C576	CEXE13101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C577	CEXE13101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C578	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C579	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
C580	CCKF1H104Z	CCKF1H104Z	C CERA	HIKF 50V 0.1MF Z AXL 26MM
C581	CKCH1H509K	CKCH1H509K	C CERA	CH 50V 5PF K AXL 26MM
C582	CEXE1E101A	CEXE1E101A	C ELECTRO	25V RS 100MF 8 × 11.5
C591	CEXE1E470A	CEXE1E470A	C ELECTRO	25V RS 47MF 6.3*11
D501	DKTZ5R6A--	DKTZ5R6A--	DIODE ZENER	MTZ-5.6 26MM TAPPING
D502	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D503	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D504	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D505	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D506	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D507	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D508	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D509	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D510	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D511	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D512	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D519	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
D520	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D521	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D522	DKTZ6R2A--	DKTZ6R2A--	DIODE ZENER	MTZ-6.2 26MM TAPPING
D523	DKTZ5R6A---	DKTZ5R6A--	DIODE ZENER	MTZ-5.6 26MM TAPPING
D524	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
D525	DKTZ5R6A--	DKTZ5R6A--	DIODE ZENER	MTZ-5.6 26MM TAPPING
D526	DKSS133---	DKSS133---	DIODE	1SS133 AUTO 26MM
IC501	1KA9201---		IC RF	KA9201 (KS5901)
IC502	1KA8390B--	1KA8309B--	IC	KA8309B
IC503	1UPD7804-	1UPD78042-	IC MICOM	UPD78042GF-230
IC504	1KS5990---	IKS5990---	IC	KS5990
IC505	1KDA0316N-	1KDA0916N-	IC	KDA0316N
IC506	1MC3403N--	1MC3403N--	IC	MC3403N
IC507	1K1A7029P-	1K1A7029P-	IC AUDIO RESET	KIA7029P
IC508	1LC7582---		IC	LC7582 Q1P 64A
LC501	D20280DAP		LCD	KXN20280DAP
LP501	9CD8204000	OCD8204000	LAMP	6.2V 200MA
Q501	TZTA950Y--	TZTA950Y--	TR	KTA950Y (AUTO)
Q502	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q503	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q504	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q505	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q506	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q507	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q508	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q509	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q510	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q511	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q512	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q513	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q514	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q515	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q516	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q517L	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q517R	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q518L	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q518R	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
Q519	TZTC2236Y-	TZTC2236Y-	TR	KTC2236-Y (AUTO)
Q520	TKTD2058Y-	TKTD2058Y-	TR	KTD 2058-Y
Q521	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y-(AUTO) (1015Y)
Q522	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y0(1815Y) (AUTO)

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
Q523	TZTA966AY-	TZTA966AY-	TR	KTA966A-Y
Q524	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
RV501	RV6417223-	RV6417223-	R SEMI FIXED	VM6CK-PV(IS) B 22K OHM
RV502	RV6417223-	RV6417223-	R SEMI FIXED	VM6CK-PV(IS) B 22K OHM
RV503	RV6417223-	RV6417223-	R SEMI FIXED	VM6CK-PV(IS) B 22K OHM
RV504	RV6417223-	RV6417223-	R SEMI FIXED	VM6CK-PV(IS) B 22K OHM
RV505	RV6417223-	RV6417223-	R SEMI FIXED	VM6CK-PV(IS) B 22K OHM
R500	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R5001	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R5002	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R501	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R502	RD-4Z220JK	RD-4Z200JK	R CARBON FILM	1/4 22 OHM J
R503	RD-4Z273JK	RD-4Z273JK	R CARBON FILM	1/4 27K OHM J
R504	RD-4Z273JK	RD-4Z273JK	R CARBON FILM	1/4 22K OHM J
R505	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R506	RD-4Z123JK	RD-4Z123JK	R CARBON FILM	1/4 12K OHM J
R507	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R508	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R509	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R510	RD-4Z154JK	RD-4Z154JK	R CARBON FILM	1/4 150K OHM J
R511	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100K OHM J 26MM
R512	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2 OHM J
R513	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2 OHM J
R514	RD-4Z124JK	RD-4Z124JK	R CARBON FILM	1/4 120K OHM J
R515	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R516	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2 OHM J
R517	RD-4Z823JK	RD-4Z823JK	R CARBON FILM	1/4 82K OHM J
R518	RD-4Z823JK	RD-4Z823JK	R CARBON FILM	1/4 82K OHM J
R519	RD-4Z229JK	RD-4Z229JK	R CARBON FILM	1/4 2.2 OHM J
R520	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R521	RD-4Z823JK	RD-4Z823JK	R CARBON FILM	1/4 82K OHM J
R522	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R523	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R524	RD-4Z514JK	RD-4Z514JK	R CARBON FILM	1/4 510K OHM J
R525	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R526	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R527	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R528	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R529	RD-4Z150JK	RD-4Z150JK	R CARBON FILM	1/4 15 OHM J
R530	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R531	RD-4Z220JK	RD-4Z220JK	R CARBON FILM	1/4 22K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R532	RD-4Z105JK	RD-4Z105JK	R CARBON FILM	1/4 1K OHM J
R533	RD-4Z822JK	RD-4Z822JK	R CARBON FILM	1/4 8.2K OHM J
R534	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R535	RD-4Z184JK	RD-4Z184JK	R CARBON FILM	1/4 180K OHM J
R536	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R537	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R538	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R539	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R540	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R541	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R542	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R543	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R544	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R545	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R546	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R547	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R548	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R549	RD-4Z334JK	RD-4Z334JK	R CARBON FILM	1/4 330K OHM J
R550	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R551	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R552	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R553	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R554	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R555	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R556	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R557	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R558	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R559	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R560	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470K OHM J
R561	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R562	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R563	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R564	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R565	RD-4Z821JK	RD-4Z821JK	R CARBON FILM	1/4 820 OHM J
R566	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220 OHM J
R567	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R568	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R569	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R570	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R571	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R572	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R573L	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R573R	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R574L	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R574R	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R575L	RD-4Z124JK	RD-4Z124JK	R CARBON FILM	1/4 120K OHM J
R575R	RD-4Z124JK	RD-4Z124JK	R CARBON FILM	1/4 120K OHM J
R576L	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R576R	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R577L	RD-4Z475JK	RD-4Z475JK	R CARBON FILM	1/4 4.7M OHM JK
R577R	RD-4Z475JK	RD-4Z475JK	R CARBON FILM	1/4 4.7M OHM JK
R578L	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R578R	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R579	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R580L	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R580R	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R581L	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R581R	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R582L	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R582R	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R583L	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R583L	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R584L	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8K OHM J
R584R	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8K OHM J
R585L	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R585R	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J
R586L	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R586R	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R587L	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R587R	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R588	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100 OHM J 26MM
R589	RD-4Z331JK	RD-4Z331JK	R CARBON FILM	1/4 330 OHM J
R590	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
R591	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R592	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470 OHM J
R593	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R594	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R595	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470 OHM J
R596	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R597	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470 OHM J
R598	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R599	RD-4Z223JK	RD-4Z223JK	R CARBON FILM	1/4 22K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
TP501	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP502	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP503	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP504	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP505	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP506	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
TP507	971640400	9716404000	PIN WRAPPING	MFZN 1.1 × 1.1 PANASERT
W502	9CD8806300		CONN AS	#28 2547*1007 4P 100MM
W503	WP-4HY1517	WP-4GY1517	WIRE LEAD 1007	AWG26 7/0.16 GY 10-150-10
XC501	5XA32R768-	5XA32R768-	CRYSTAL QUARTZ	DT-38 32.768KHZ 20PPM
XC502	5PCSA419MG	5PCSA419MG	RESONATOR CERA	CSA-419MG 4.19MHZ
XC503	5XA16R934F	5XA16R934F	CRYSTAL QUARTZ	HC-18/U 16.934440MHZ 50PPM
00010	9CD1803900	9CD1803900	HOLDER CD	ABS WHITE AMI-310
00020	9CD0904100	9CD0904100	PLATE LCD	PVC T1.0 WHITE
00030	9CD4000300	9CD4000300	BUSHING LAMP	SI-RUBBER
00040	9CD4400900	9CD4400900	HEATSINK TR	BSB H35

■ TUNER P.C.B.

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
13000	9CDC036400		PCB TUNER AS	AMI-332F
A001	9756805400	9756805400	ANTENNA FM	PI3.5 800MM
B101	9CD6567500		PCB TUNER	197X97XTI. 6T
CF001	5PE107MJA-	5PE107MJA-	FILTER CERA	SFE 10.7MHZ RED
CF002	5PE107MJA-	5PE107MJA-	FILTER CERA	SFE 10.7MHZ RED
CF201	5PSFU450B-	5PSFU450B-	FILTER CERA	SFU-450B
CF202	5PCDA107MG	5PCDA107MG	FILTER DISCRIMINATOR	CDA 10.7MG-18
CF203	5PSB456F15	5PSB456F15	RESONATOR CERA	CSB456F15
CN101	9CD8806900		CONN AS	#26 2547 1007 4P 200MM
CW511	9CD8806500		CONN AS	#28 2547*2 1007*2 8P300MM
C003	CCKB1H102K	CCKB1H102K	C CERA	HIKB 50V 1000PF K AXL 26M
C004	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C005	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C007	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C008	CCKB1H471K	CCKB1H471K	C CERA	HIKB 50V 470PF K AXL 26MM
C009	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C101	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C102	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C103	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C104	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C106	CKCH1H150J	CKCH1H105J	C CERA	CH 50V 15PF J AXL 26MM
C107	CSYS1H421J	CSYS1H421J	C STYROL	50V 420PF J
C108	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C109	CCKF1H103Z	CCKF1H103Z	C CERA	HIKF 50V 0.01MF Z AXIAL
C110	CCKF1H103Z	CCKF1H103Z	C CERA	HIKF 50V 0.01MF Z AXIAL
C111	CEXE1H470A	CEXE1H470A	C ELECTRO	25V RS 47MF 6.3*11
C112	CCKF1H473Z	CCKF1H473Z	C CERA	HIKF 50V 0.047MF Z AXL 26MM
C121	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C122	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C123	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C124	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C125	CKCH1H470J	CKCH1H470J	C CERA	CH 50V 47PF J AXL 26MM
C126	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
C127	CSYS1H201J	CSYS1H201J	C STYROL	50V 200PF J
C201	CCKB1H102K	CCKB1H102K	C CERA	HIKF 50V 1000PF K AXL 26M
C202	CEXE1H220A	CEXE1H220A	C ELECTRO	25V RS 22MF 5X11 5T
C203	CEXE1H339A	CEXE1H339A	C ELECTRO	50V RS 3.3MF (5X11) TP
C204	CCKF1H472Z	CCKF1H472Z	C CERA	HIKF 50V 0.047MF Z AXL 26
C205	CEXE1H228A	CEXE1H228A	C ELECTRO	50V RS 0.22MF (5X11) TP
C206	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5X11) TP
C207	CMXM1H153J	CMXM1H153J	C MYLAR	50V 0.015MF J TAPPING
C208	CCKB1H471K	CCKB1H471K	C CERA	HIKB 50V 470PF K AXL 26MM
C209	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C210	CEXE1H100A	CEXE1H100A	C ELECTRO	50V RS 10MF (5X11) TP
C211	CCKF1H223Z	CCKFB1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C212	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C213	CEXE1H229A	CEXE1H229A	C ELECTRO	50V RS 2.2MF (5X11) TP
C214	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 2.2MF (5X11) TP
C215	CEXE1H470A	CEXE1H470A	C ELECTRO	25V RS 47MF 6.3*11
C217	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C218	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C220	CEXE1H470A	CEXE1H470A	C ELECTRO	25V RS 47MF 6.3*11
C221	CEXE1H240A	CEXE1H470A	C ELECTRO	25V RS 47MF 6.3*11
C223	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.01MF J
C224	CMXM1H103J	CMXM1H103J	C MYLAR	50V 0.01MF J
C225	CMXM1H123J	CMXM1H123J	C MYLAR	50V 0.012MF J
C226	CMXM1H123J	CMXM1H123J	C MYLAR	50V 0.012MF J
C227	CEXE1H229A	CEXE1H229A	C ELECTRO	50V RS 2.2MF (5X11) TP
C228	CEXE1H229A	CEXE1H229A	C ELECTRO	50V RS 2.2MF (5X11) TP
C229	CKSL1H270J	CKSL1H270J	C CERA	SL 50V 27PF J AX 26MM
C230	CKSL1H270J	CKSL1H270J	C CERA	SL 50V 27PF J AX 26MM

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
C231	CCKB1H102K	CCKB1H102K	C CERA	HIKB 50V 1000PF K AX 26MM
C232	CCKF1H102K	CCKF1H102K	C CERA	HIKB 50V 1000PF K AX 26MM
C233	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C234	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C235	CEXE1H470A	CEXE1H470A	C ELECTRO	50V RS 47MF 8X11.5
C236	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C237	CCKF1H103Z	CCKF1H103Z	C CERA	HIKF 50V 0.01MF Z AXIAL
C238	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5X11) TP
C239	CEXE1H470A	CEXE1H470A	C ELECTRO	25V RS 47MF 6.3*11
C240	CEXE1H109A	CEXE1H109A	C ELECTRO	50V RS 1MF (5X11) TP
C241	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
C242	CCKF1H223Z	CCKF1H223Z	C CERA	HIKF 50V 0.022MF Z 26MM
D001	DCKSS133---	DCKSS133---	DIODE	ISS133 AUTO 26MM
D002	DCKSS133---	DCKSS133---	DIODE	ISS133 AUTO 26MM
D101	DISV149---	DISV149---	DIODE	ISV-149
D102	DISV149---	DISV149---	DIODE	ISV-149
D121	DISV149---	DISV149---	DIODE	ISV-149
D122	DISV149--	DISV149---	DIODE	ISV-149
D201	DKTZ6R8A--	DKTZ6R8A--	DIODE ZENER	MTZ 6.8 26MM TAPPING
IC201	1LA1832---	1LA1832---	IC AUDIO IF	LA1832
IC202	1LC7218---	1LC7218---	IC PLL	LC7218
J001	9736321900		JACK ANT	PAT645
L101	5LA0000567	5LA0000567	COIL MW/KW ANT	FA92 3567 W/BAR.HOLEDR
L102	5L0111K651	5L0111K651	COIL MW OSC	110UH 7X7 CAN
L122	5L0451K652	5L0451K652	COIL MW OSC	454UH 7X7 CAN BK
L201	5LC393K805		COIL CHOKE	39MH K
Q001	TZTC3194Y-	TZTC3194Y-	TR	KTC3194Y
Q002	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y- (AUTO) (1015Y)
Q003	TZTC3198Y-	TZTC3198Y-	TR	KTC3194Y- (1815Y) (AUTO)
Q101	TZTC3194Y-	TZTC3194Y-	TR	KTC3194Y
Q102	TKTC2878B-	TKTC2878B-	TR	KTC2878B
Q103	TZTC3198Y-	TZTC3198Y-	TR	KTC3198T- (1815Y) (AUTO)
Q104	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y- (AUTO) (1015Y)
Q105	TKTK161Y--	TKTK161Y--	FET	KTK161(Y)
Q121	TZTC3194Y-	TZTC3194Y-	TR	KTC3194Y
Q122	TKTC2878B-	TKTC2878B-	TR	KTC2878B
Q123	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q124	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y- (AUTO) (1015Y)
Q201	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q202	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q203	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
Q204	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q205	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q206	TZTC2236Y-	TZTC2236Y-	TR	KTA1266Y- (AUTO)
Q207	TZTA1266Y-	TZTA1266Y-	TR	KTA1266Y- (AUTO) (1015Y)
Q208	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q209	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
Q210	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y- (1815Y) (AUTO)
R001	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R002	RD-4Z471JK	RD-4Z471JK	R CARBON FILM	1/4 470 OHM J
R003	RD-4Z150JK	RD-4Z150JK	R CARBON FILM	1/4 15 OHM J
R004	RD-4Z121JK	RD-4Z121JK	R CARBON FILM	1/4 120 OHM J
R005	RD-4Z101JK	RD-4Z101CJK	R CARBON FILM	1/4 100 OHM J 26MM
R006	RD-4Z681JK	RD-4Z681JK	R CARBON FILM	1/4 680 OHM J
R007	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R008	RD-4Z561JK	RD-4Z561JK	R CARBON FILM	1/4 560 OHM J
R009	RD-4Z331JK		R CARBON FILM	1/6 330 OHM J
R010	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R011	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 1 OK OHM J
R012	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 1 OK OHM J
R013	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R101	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/6 100K OHM J
R102	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R103	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R104	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R106	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R107	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R108	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R109	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R110	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R111	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220 OHM J
R112	RD-4Z221JK	RD-4Z221JK	R CARBON FILM	1/4 220 OHM J
R113	RD-4Z330JK	RD-4Z330JK	R CARBON FILM	1/4 33 OHM J
R114	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R121	RD-AZ104JK	RD-AZ104JK	R CARBON FILM	1/6 100K OHM J
R122	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R123	RD-4Z563JK	RD-4Z563JK	R CARBON FILM	1/4 56K OHM J
R124	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R126	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R127	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R128	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R129	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
R201	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8K OHM J
R202	RD-4Z682JK	RD-4Z682JK	R CARBON FILM	1/4 6.8K OHM J
R203	RD-4Z333JK	RD-4Z333JK	R CARBON FILM	1/6 33K OHM J
R204	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R205	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R206	RD-4Z331JK	RD-4Z331JK	R CARBON FILM	1/4 330 OHM J
R207	RD-4Z332JK	RD-4Z332JK	R CARBON FILM	1/4 3.3K OHM J
R208	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
R209	RD-AZ103JK	RD-AZ103JK	R CARBON FILM	1/6 10K OHM J
R210	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R211	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R212	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R213	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R214	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R215	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R216	RD-4Z222JK	RD-4Z222JK	R CARBON FILM	1/4 2.2K OHM J
R217	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
R218	RD-4Z330JK	RD-4Z330JK	R CARBON FILM	1/4 33 OHM J
R219	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R220	RD-4Z104JK	RD-4Z104JK	R CARBON FILM	1/4 100K OHM J
R221	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R222	RD-4Z391JK	RD-4Z391JK	R CARBON FILM	1/4 390 OHM J
R223	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R224	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R225	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R226	RD-4Z473JK	RD-4Z473JK	R CARBON FILM	1/4 47K OHM J
R227	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R228	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R229	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R230	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R231	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R232	RD-4Z472JK	RD-4Z472JK	R CARBON FILM	1/4 4.7K OHM J
R233	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R234	RD-4Z101JK	RD-4Z101JK	R CARBON FILM	1/4 100K OHM J
R235	RD-4Z102JK	RD-4Z102JK	R CARBON FILM	1/4 1K OHM J
R236	RD-4Z103JK	RD-4Z103JK	R CARBON FILM	1/4 10K OHM J
R237	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
R238	RD-AZ224JK	RD-AZ224JK	R CARBON FILM	1/6 220K OHM J
R239	RD-4Z100JK	RD-4Z100JK	R CARBON FILM	1/4 10 OHM J
TC101	9737611600	9737611600	TRIMMER	5 PI 20 PF
TC121	9737611600	9737611600	TRIMMER	5 PI 20 PF

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
TP001	9716404000	9716404000	PIN WRAPPING	MFAN1. 1X1. 1 PANASERT
TU001	9757611200	9757611200	TUNER PACK	FE407-G60 4GANG FTH4-560H
T201	5107AYW469	5107AYW469	IFT AM TOP	7X7 YW
W001	WAJ4GY2017	WAJ4GY2017	WIRE SHIELD	#26 7/0.16 GY 10-200-10
XC201	5XA7R2000D	5XA7R2000D	CRYSTAL QUARTZ	HC-18/U 7.200000MHZ 25PPM

■ RMC P.C.B.

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
15000	9CDC037800		PCB REMOCON AS	AMI-332F
B001	9CD6568201		PCB RMC	30 × 20 T1.6
CN510	OCD8806200		CONN AS	#26 1007 3P 250MM
RM501	1DHR387N---	1DHR38N---	IC PREAMP	DHR38N

■ FRONT P.C.B.

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
11000	9CDC036200		PCB FRONT AS	AMI-33SF
B001	9CD6568300		PCB FRONT	243 × 139 T1.6
CN506	9CD8806800		CONN AS	#26 1007 8P 200MM
CN507	9CD3307000		CONN AS	#26 1007 5P 200MM
D701	DSL34VC3-	DSL34VC3-	LED	SLR 34VC-3 (RED)
SW501	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW502	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW503	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW504	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW505	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW506	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW507	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW508	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW509	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW510	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW511	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW512	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
SW513	5S50101001	5S50101001	SW TACT	KPT-1105A 1C-1P
00010	9CD1323600		KNOB POWER	ABS AMI-330

■ VR P.C.B.

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
14000	OCDC036500		PCB VOLUME AS	AMI-33SF
B001	9CD6568301		PCB VR	41.5 × 37 T1.6
CN401	OCD8806100		CONN AS	#26 2547*2 6P250MM
CN402	9CD8806400		CONN AS	#26 1007 2P 200MM
VR401	5V6104725A		VR MOTOR	RK16812MGB7A 100KAX2

■ REMOCON P.C.B

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
33000	9CDM020600		REMOCON AS	AMI-332F
B01	9CD6564000	9CD6564000	PCB RFEMOCON	88 × 44 × T1.6 94HB
C01	CEXE1E100A	CEXE1E100A	C ELECTRO	25V 10MF RS 5 × 11 TAPING
C02	CMXM1H823J	CMXM1H823J	C MYLAR	50V 0.082MF J
D01	DCL2S----	DCL2S----	LED IR	CL2S
D03	DKSS133---	DKSS133	DIODE	1SS133 AUTO 26MM
D04	DKSS133---	DKSS133	DIODE	1SS133 AUTO 26MM
D09	DKSS133---	DKSS133	DIODE	1SS133 AUTO 26MM
D10	DKSS133---	DKSS133	DIODE	1SS133 AUTO 26MM
IC01	1BU5854F--	1BU5854F	IC	BU5854
Q01	TZTC3198Y-	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)
R02	RD-AZ820JK	RD-AZ820JK	R CARBON FILM	1/6K 8S OHM J
R03	RD-AZ109JK	RD-AZ109JK	R CARBON FILM	1/6 1 OHM J
W01	WP-4021017	WP-4021017	WIRE RIBBON 1007	AWG26 7/0.16 W0 10-100-10
XL1	97P0A00010	97P0A00010	RESONATOR CERA	CSB-455EB (REMOCON AS)
00010	OCD0122400	9CD0122400	CABINET TOP REMOC	ABS ARM-1700
00020	90CD0122500	9CD0122500	CABINET BOTT REMOC	ABS ARM-1700
00030	9CD1319002		KNOB REMOCON	SILICON RUBBER
00040	9CD0406200	9CD0406200	COVER BATTERY	ABS ARM-1700
00050	9CD0905500	9CD0905500	PLATE REMOCON B	LEXAN T0.25 BK W/O HOLE
00060	9CD3005800	9CD3005800	SPRING REMOCON (+ -)	SUS D0.25
00070	9CD3005400	9CD3005400	OPRING REMOCON (-)	PW D0.5
00080	9CD6450200	9CD64050200	TERMINAL BATT REMOC	BSP T0.3
00090	7173260812	7173260812	SCREW TAPTITE	TT2 BIN 2.6 × 8 BK

■ FRONT ASSEMBLY

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
30000	9CDM020300		FRONT AS	AMI-332F
00010	9CD0303300		PANEL FRONT	MIPS SPRAY AMI-330
00020	9CD1805700		DOOR CASSETTE A	MIPS SPRAY AMI-330
00030	9CD1805800		DOOR CASSETTE B	MIPS SPRAY AMI-330
00040	9713008900	9713008900	SPRING C HOLDER	STS T0.2
00050	9CD3004500	9CD3004500	SPRING DOOR EJECT	STS D1.0
00060	9CD2602800		DAMPER AS	DA-12
00070	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 2.6 × 10 MFZN
00080	9CD1609100		WINDOW LCD	ACRYL T2.5 AMI-330
00090	9CD1609200		WINDOW DOOR A	ACRYLAMI-330
00100	9CD1609300		WINDOW DOOR B	ACRYL AMI-330
00110	OCD1323200		KNOB TUNER FUNCTION	ABS AMI-330
00120	9CD1323300		KNOB CD FUNCTION	ABS AMI-330
00130	9CD1323400		KNOB CONTROL	ABS 2/SILK AMI-330
00140	9CD1323500		KNOB VOLUME	ABS AMI-330
00150	9CD1324000		KNOB JUNCTION	ABS AMI-330
00160	9CD1805900		DOOR CD	ACRYL AMI-330
00170	9CD2302100		HOLDER CD DOOR	ABS AMI-330
00171	7273260411		SCREW TAPTITE	TT3 BIN 2.6 × 4 MFZN
00180	9CD408900	9CD2408900	BRACKET FIXING	SECC T1.0 ACD-6000
00190	9CD4206100	9CD4206100	CUSHION FOOT	URETHAN FOAM RUBBER
00200	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 2.6 × 10 MFZN
00210	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 2.6 × 10 MFZN
00210	7173261011	7173261011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN BK
00230	7173301012	7173301012	SCREW TAPTITE	TT2 BIN 3 × 10 MFZN BK
00240	9CD0124000		CABINET TOP	MIPS AMI-330
00250	7173301012	7173301012	SCREW TAPTITE	TT2 BIN 3 × 10 MFZN BK
00260	7173301412		SCREW TAPPTITE	TT2 BIN 3 × 14 MFZN BK
00270	7173301012	7173301012	SCREW TAPTITE	TT2 BIN 3 × 10 MFZN BK
00290	9CD9306900		LABEL SPEC	ART PAPER

■ CASSETTE DECK ASSEMBLY

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
31000	OCDM020400		DECK AS	AMI-332F
CN601	9CD8805300		CONN AS	#28 2547 3P 450MM
CN602	9CD8805400		CONN AS	#28 2547*2 6P 300MM
CN603	9CD8805200		CONN AS	#26 1007 8P 350MM
C638	CCKB1H101K	CCKB1H101K	C CERA	HIKB 50V 100PF K AXL 26MM
W601	WP-4GY1517	WP-4GY1517	WIRE LEAD 1007	AWG26 7/0.16 GY 10-150-10
W602	WP-4GY1517	WP-4GY1517	WIRE LEAD 1007	AWG26 7/0.16 GY 10-150-10
W603	WP-4GY5007		WIRE LEAD 1007	AWG26 7/0.16 GY 10-50-10
00010	9CD6003700	9CD6003700	DECK MECHANISM (CASS)	BS-09 (P/B HEAD) A/STOP 5W
00020	9CD1324100		KNOB DECK	ABS AMI-330
00030	9CD1324200		KNOB DECK PLAY	ABS AMI-330
00040	9CD5200100		SLIDER REC	ACETAL AMI-330
00050	7273200611		SCREW TAPPTITE	TT3 BIN 2 × 6 MFZN
00060	4710302000	4710302000	LUG EGG	BSP

■ BOTTOM ASSEMBLY

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
32000	9CDM020500		BOTTOM AS	AMI-332F
CN501	9CD8806000		CONN AS	#28 1007 8P 200MM WH
CN502	9CD8005900		CONN AS	#28 1007 8P 200MM RED
CN503	9CD8805800		CONN AS	#28 1007 6P 150MM
CN504	9CD8805700		CONN AS	#28 1007 5P 100MM
00010	9CD0123900		CABINET BOTTOM	MIPS AMI-330
00020	9CD0605300		CHASSIS CD	MIPS AMI-330
00030	OCD6002500	OCD6002500	CD MECHANISM	KSL-2101 ABM
00040	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00050	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00060	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00070	7173302511		SCREW TAPPTITE	TT2 BIN 3 × 25 MFZN
00080	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00090	9733101300	9733101300	WASHER PLAIN	PW T0.8 × D3.2 × D12
00100	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00110	9733101300	9733101300	WASHER PLAIN	PW T0.8 × D3.2 × D12
00120	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00130	7173401212	7173401212	SCREW TAPTITE	TT2 BIN 4 × 12 BK
00140	7173301011	7173301011	SCREW TAPPTITE	TT2 BIN 3 × 10 MFZN
00230	CEXE1C221A	CEXE1C221A	C ELECTRO	16V RS 220MF 10 × 12.5

■ **SPEAKER ASSEMBLY**

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
34000	9CDM020700		SPEAKER AS	AMI-332F
00010	OCD0303400		PANELSPKR FRONT(S)	MIPS SPRAY AMI-330
00020	9CD0303500		POANEL SPKR FRONT(R)	MIPS SPRAY AMI-330
00030	OCD0605400		FRAME SPKR NET (L)	MIPS AMI-330
00040	OCD0605500		FRAME SPKR NET (R)	MIPS AMI-330
00050	9CD0124100		CABI SPKR BOX (L)	PB T9.0
00060	9CD0124200		CABI SPKR BOX (R)	PB T9.0
00070	9CD4906700		PAD SNOW SPKR (L)	POLYFOAM
00080	9CD4906800		PAD SNOW SPKR (R)	POLYFOAM
00090	9CD9307000		LABEL SPKR	ART PAPER

■ **PACKING ASSEMBLY**

LOC	DW CODE	MAKER CODE	PART NAME	PART DESCRIPTION
50000	9CDG008300		PACKING AS	AMI-332F
00010	9CD4906500		PAD SNOW L (SET)	POLYFOAM
00020	9CD4906600		PAD SNOW R (SET)	POLYFOAM
00030	9CD5007700		BOX CARTON	DW-2 566W × 450H × 360D (IN)
00040	9CD4801500		POLY BAG (SET)	AMI-310
00050	9CD4801700		POLY BAG MANUAL	AMI-310
00060	9CD9520400		MANUAL INSTRUCTION	AMI-330
00070	9719350200	9719350200	LABEL SERIAL	PAPER/ART

