

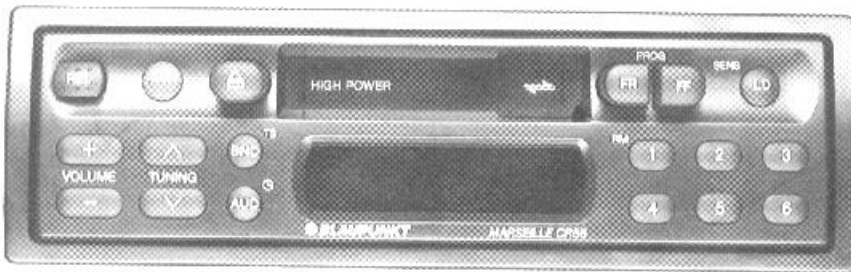
**Service Manual****Table of Contents**

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# Specifications

## Cassette Player

Playback System	4-track, 2-channel stereo
Tape speed	4.75 cm / sec.
Wow & Flutter	0.10 % / WRMS
Signal to noise Ratio	45 dB
Frequency Response	30 - 18.000 Hz $\pm$ 3dB

## FM Tuner

Tuning Range	87.5 - 108.0 MHz (50 KHz steps)
Sensitivity	18 dB $\mu$ V
Separation	30 dB
Signal to noise Ratio	65 dB (stereo), 70 dB (mono)

## AM Tuner

Tuning Range	531 - 1602 KHz (9 KHz step)
Sensitivity	30 dB $\mu$ V
Signal to noise Ratio	45 dB

## Audio Amplifier & General

Maximum Output Power	4 x 20 Watts
Power Supply	12V DC negative Ground
Speaker Impedance	4 - 8 Ohms
Dimensions (WxHxD)	178x50x152 mm

# ELECTRICAL ADJUSTMENTS

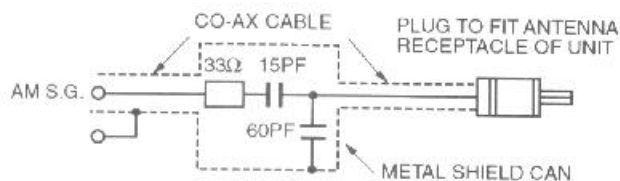
## SERVICE NOTES

1. Make certain the power lead is connected properly to power source, otherwise damage to radio may result. If a battery eliminator is used as a power source in place of a battery, it must be filtered and regulated. (The power supply capacity should be more than 5 amps.)
2. Integrated circuits (ICs) are used in this unit. Because the ICs are direct-coupled devices, as to all electronic equipment, reading within 10% of the indicated values are acceptable. Allowance must also be made for variations in supply voltage. It is expected that any breakdown within the IC results in drastic changes of the operating voltages at the terminals.
3. When replacing a power output IC, remember to use the IC specified in the parts list; Coat the IC-fin with silicon grease.

## WARNING

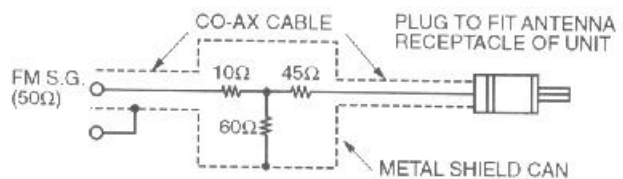
In using meters, signal generator and any tool in servicing ICs, extreme care is needed. **DO NOT SHORT THE IC TERMINALS TO THE PATTERN ON THE PC BOARD OR TO EACH OTHER. THE IC WILL BE INSTANTANEOUSLY DESTROYED.**

## DUMMY BOX SCHEMATIC



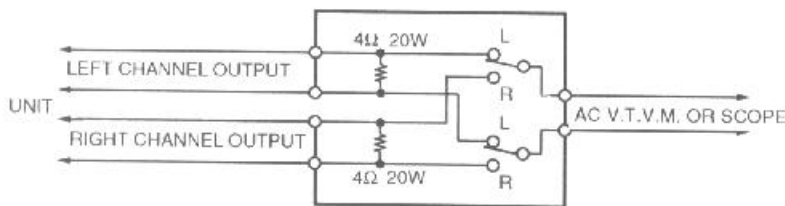
AM DUMMY ANTENNA

Fig.1-1



FM DUMMY ANTENNA

Fig.1-2



DUMMY LOAD & SWITCH BOX (FOR STEREO UNIT)

Fig. 1-3

## ALIGNMENT PROCEDURE

Alignment is performed at factory with laboratory equipment. Therefore, before alignment is attempted, the unit should be thoroughly checked for circuit troubles.

## NOTES:

1. Check for specified source voltage-DC, 14.4 volts.
2. Connect an AC voltmeter (AC VM) across speaker or dummy load (4 ohms, 20W, wirewound resistor)...see Fig. 1-3.
3. Signal input must be kept as low as possible to avoid overload and clipping (use highest sensitivity of output indicator).
4. Repeat adjustment to ensure good results.
5. Non-metallic alignment tools must be used (especially at FM alignment).
6. For alignment location details, refer to CIRCUIT BOARD DIAGRAM.

# ELECTRICAL ADJUSTMENTS

## ALIGNMENT OF AM RF & IF SECTION

Set the radio for AM reception. AM signal generator should be coupled with antenna receptacle through dummy (see Fig.1-1). Set VOLUME control to maximum

and TONE to center. Attenuate signal generator output to maintain 0.5 watts (1.4 volts across 4 ohms load) on AC voltmeter.

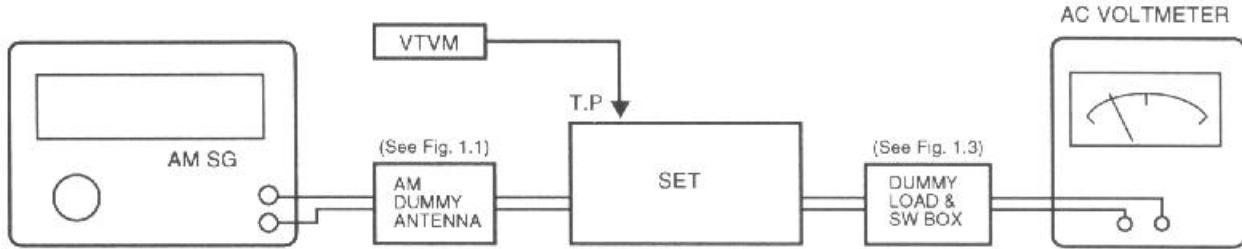


Fig. 2

STEP	GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT INDICATOR	ADJUSTMENT	REMARKS
1	Non-Mod.	531kHz	DC VTVM to test point	L108	Adjust for 1.35V (TYP).
2	Non-Mod.	1602kHz	DC VTVM to test point	-	Check the voltage less than 8.0V.
3	999kHz 400Hz 30% MOD SG att: Less than 17dB	999kHz	AC VTVM across speaker (L or R) or 4 ohms load	L110	Adjust for Maximum Sensitivity.
4	612kHz 400Hz 30% MOD SG att: 17dB	612kHz	AC VTVM across speaker (L or R) or 4 ohms load	L107	Adjust for Maximum.
5	1404kHz 400Hz 30% MOD SG att: 17dB	1404kHz	AC VTVM across speaker (L or R) or 4 ohms load	C119	Adjust for Maximum.
6	999kHz 400Hz 30% MOD SG att: 30dB	999kHz TEST MODE	LCD Disp.	R141	Adjust like to appear the Stereo indicator of LCD Disp.

## SETTING UP TEST MODE AT STEP 6

In POWER ON mode, short-circuit the pattern between R707 and IC701 () with GND such as the chassis. If TEST MODE is on, all the LCDs will light up. After you have confirmed that TEST MODE is on, press the AUDIO key once and the LCD will return to the previous display.

When the LCD displays "LOCAL", press the AUDIO key again to set to DX mode. Then turn the screw VOL a R141(AM) or R131(FM) until the LCD display "STEREO".

# ELECTRICAL ADJUSTMENTS

## ALIGNMENT OF FM RF & IF SECTION

Set the radio for FM reception. FM signal generator should be coupled with antenna receptacle, through dummy (see Fig. 1-2).

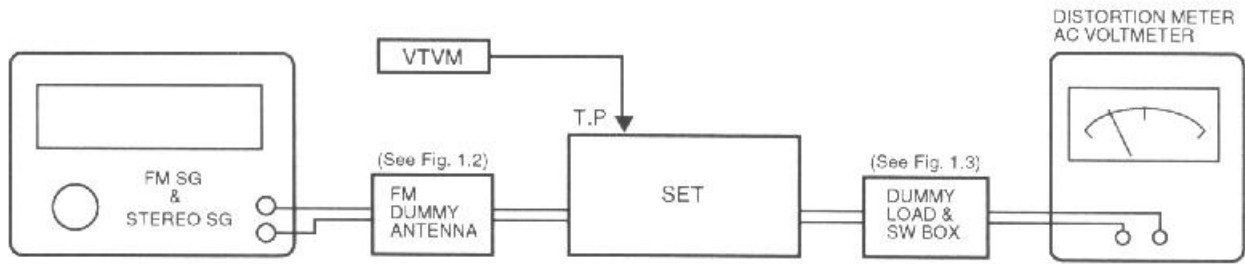


Fig. 3

STEP	GENERATOR FREQUENCY	RADIO DIAL SETTING	OUTPUT INDICATOR	ADJUSTMENT	REMARKS
1	Non-Mod.	108MHz	DC VTVM to test point	L104	Adjust for 7.V.
2	Non-Mod.	87.5MHz	DC VTVM to test point	-	Check the voltage 1.2-1.6.
3	97.1MHz 1kHz, 75kHz dev. SG att: 66dB (1mV)	97.1MHz	AC VTVM across speaker or 4 ohms load	L111	Adjust for Maximum Distortion.
4	97.1MHz 1kHz, 22.5kHz dev. SG att: Less than 8dB	97.1MHz	AC VTVM across speaker or 4 ohms load	L103	Adjust for Maximum Level.
5	97.1MHz SG att: 11dB	97.1MHz	AC VTVM across speaker or 4 ohms load	L100 L102	Adjust for Maximum Distortion.
6	88.5MHz 107.1MHz SG att: 11dB	88.5MHz 107.1MHz	AC VTVM across speaker or 4 ohms load	L100 L102	Check for SPEC.
7	97.1MHz SG att: 25dB	97.1MHz TEST MODE No.3	LCD Disp.	R131	Adjust like to appear the Stereo indicator of LCD Disp.

Note: SG frequency should be as accurate possible.

# ELECTRICAL ADJUSTMENTS

## ALIGNMENT OF FM MULTIPLEX SECTION & TRAFFIC DECORDER SECTION

FM signal generator should be modulated by FM stereo signal generator.

Modulation level: 19kHz 10% (7.5kHz dev)  
1000Hz 30% (22.5kHz dev)

FM signal generator output level: 1mV

Frequency: 97.1MHz.

Set the radio for FM reception and tune to signal. Adjust volume control to provide 0.5 watt on AC VTVM and tone to center. Set L/R balance control for equal output at each channel.

STEP	MODULATION FREQUENCY	OUTPUT INDICATOR	ADJUSTMENT	REMARKS
1	19kHz & 1000Hz (Left Channel) SG att: 66dB	AC VTVM across Right speaker or Right channel load	R134	Adjust for minimum.
2	19kHz & 1000Hz (Right Channel)	AC VTVM through Left speaker or Left channel load	R134	Check for minimum.
3	19kHz & 1000Hz (Left Channel) SG att: 50dB	AC VTVM across Right speaker or Right channel load	R138	Adjust for 20dB Separation.

## ALIGNMENT OF CASSETTE PLAYER

Set the wow/flutter meter for JIS/WRMS function.

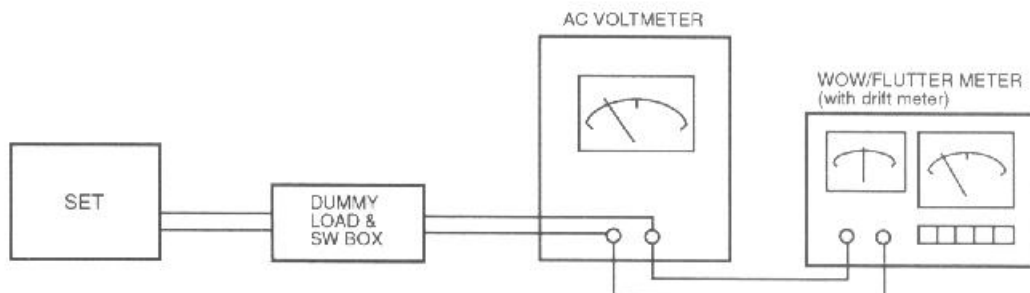
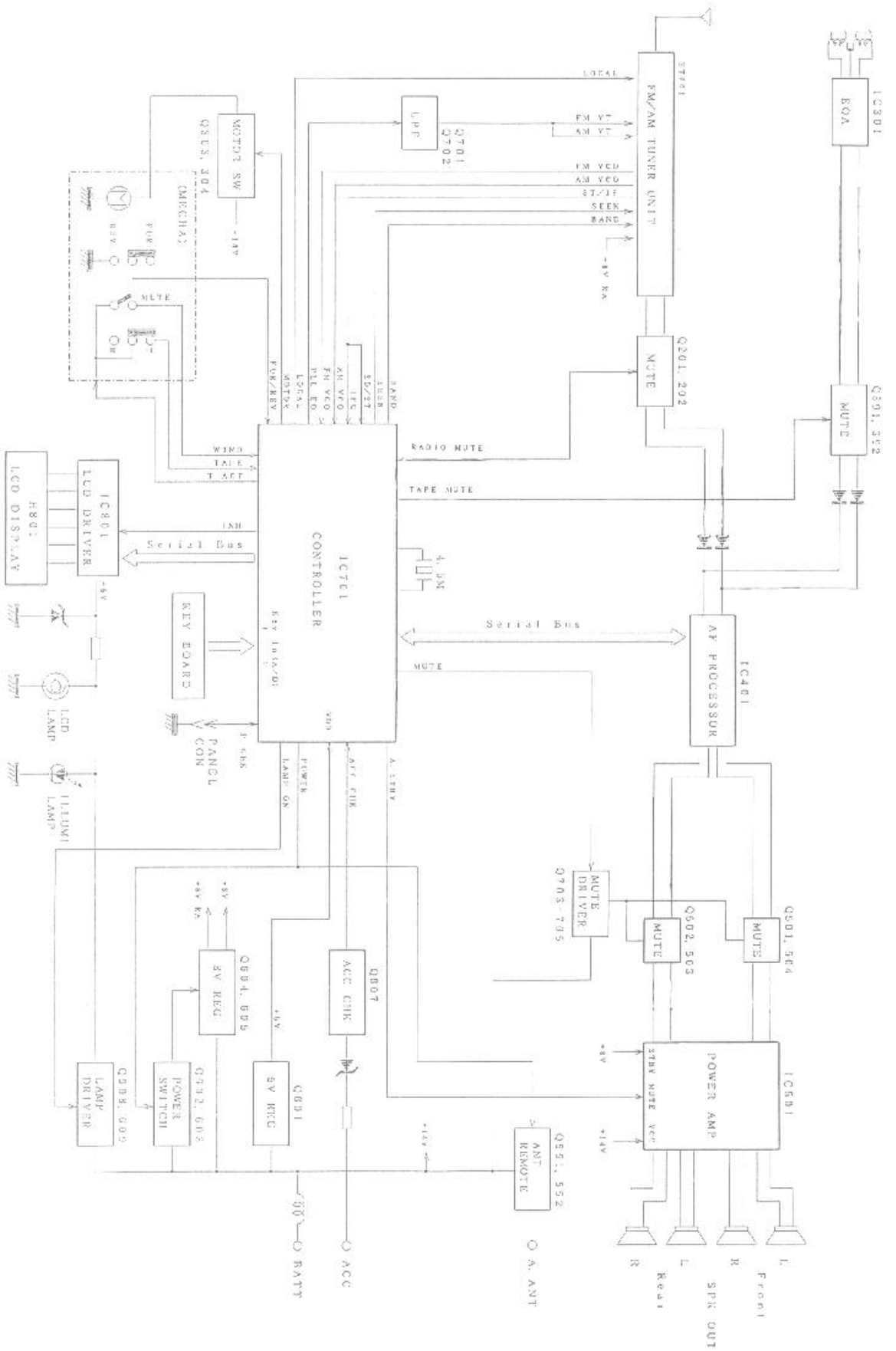


Fig. 4

STEP	ITEM	TEST TAPE	OUTPUT INDICATOR	ADJUSTMENT
1	Head Azimuth	MTT-257E	VOLTMETER	Align azimuth (on Head) for maximum output 10kHz as well as balance on 1kHz between Left and Right channel output.
2	Wow/Flutter	MTT-111N (3kHz)	Wow/Flutter Meter	Check the display less than 0.3% (JIS/WRMS).
3	Tape Speed	MTT-111N (3kHz)	Tape Speed Drift Meter	Check the display within -1% and +3%.

# BLOCK DIAGRAM



# TERMINOLOGY REFERENCE

Terminology on schematic diagram is as follows:

Description	Ref. No.	CAD Code	
◆ IC	IC101	LA3373, MT	No Connection Description (LA3373) Circuit Reference Number Head Name
◆ Transistor	Q101	2SC2785T, E, F	Rank No Connection Description (2SC2785) Circuit Reference Number Head Name
◆ Diode	D101	1S2835T	No Connection Description (1S2835) Circuit Reference Number Head Name
◆ Resistor	R101	RC102F	Tolerance F: ±1% G: ±2% J: ±5% (No Mark) K: +10% M: ±20% H: No Connection Resistance ( $10 \times 10^2 = 1000$ ohms) Carbon Resistor 1/6W Circuit Reference Number Head Name
	R102	RA1R1	Resistance (1.1 ohm) Decimal Point Mark Chip Resistor 2125 Type 1/10W
◆ Capacitor (Chip)	C101	CA200C	Temperature Characteristic C: CH, CJ, CK U: UJ S: SL B: B D: D R: RH Capacitance ( $20 \times 10^1 = 20$ PF) Chip Capacitor 2125 Type Circuit Reference Number Head Name
◆ Capacitor (Ceramic)	C101	SL1R5H or S or Z	No Connection Capacitance (1.5PF) Decimal Point Mark Characteristic (Ceramic SL)
◆ Capacitor (Electrolytic)	C101	ES1/50H or F or Z	No Connection Voltage Proof (50V) Capacitance (1µF) Electrolytic SSM Type
◆ Hybrid IC	IC102	HIC*****	Code No. (3 - 8 Column → 11*****0)
◆ CR Component	CR101	CR*****	Code No. (3 - 8 Column → 11*****0)
◆ In-Line Block	IB101	IB*****	Code No. (3 - 8 Column → 11*****0)
◆ Surge Absorber	D102	Z*****	Code No. (3 - 8 Column → 13*****0)
◆ LED	LD101	LED*****	Code No. (3 - 8 Column → 14*****0)
◆ LCD	H101	LCD*****	Code No. (3 - 8 Column → 14*****0)
◆ FIP	H102	FIP*****	Code No. (3 - 8 Column → 14*****0)
◆ Pilot Lamp	PL101	PL*****	Code No. (3 - 8 Column → 14*****0)
◆ Neon Bulb	NE101	NE*****	Code No. (3 - 8 Column → 14*****0)
◆ Trimmer Cap.	C102	CT*****	Code No. (3 - 8 Column → 14*****0)
◆ CFC Assy	C103	CFC*****	Code No. (5 - 9 Column → 1591*****)
◆ Coil	L101	L*****	Code No. (5 - 9 Column → 1501*****)
◆ Filter	F101	F*****	Code No. (3 - 8 Column → 17*****0)



# TERMINOLOGY REFERENCE

Description	Type	Capacitance Limit	No Marked Tolerance
Chip	CK, CJ, CH, UJ CH, UJ CH, SL, UJ, RH SL, B D	1PF - 5PF 6PF - 10PF 12PF - 470PF 680PF - 0.022μF 0.033μF - 0.1μF	C (±0.25PF) D (±0.5PF) J (±5%) K (±10%) M (±20%)
Ceramic	General B	1PF - 5PF 6PF - 10PF 12PF - 270PF 100PF - 680PF	C D J K
Semi-Conductor	SR BC	0.001μF - 0.068μF 0.1μF - 0.2μF	K Z (-20% - +80%)
Mylar (M)		0.001μF - 0.1μF	J
TF		0.1μF - 0.47μF	J
PS, NPS		470PF - 1000PF	G (±2%), J
ALSICON (AS)		0.1μF - 0.22μF	M
Tantalum (TA)		0.15μF - 10μF	M
Electrolytic	General	0.1μF - 220μF	M

Head Name	Description	Head Name	Description
ET	Electronic Tuner	MD	Modular
MT	Manual Tuner	NE	Neon Bulb
PT	Push Button Tuner	PL	Pilot Lamp
K	Relay	C*	Capacitor
MC	Microphone	R**	Resistor
SP	Speaker	L	Transformer
IC	IC, Hybrid IC	L	Coil, Inductor
IB	In-Line Block	F	Ceramic Filter, Crystal
CR	CR Component	W	Printed Circuit Board
Q	Transistor	BL	Block PC Ass'y
D	Diode, Serge Absorber	P	Connector Post
LD	LED	TP	Check Pin
H	LCD	AJ	Antenna Jack
H	FIP	SW	Switch
N	Wire	VR	Volume
		W	PCB

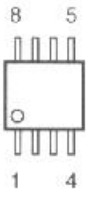
CAD Code	*Capacitor
CAA****	Chip Capacitor 2125 Type
CA****	Chip Capacitor 3216 Type
CB****	Chip Capacitor 3216 Type
SL***	Ceramic Capacitor SL Type
B**	Ceramic Capacitor B Type
F***	Ceramic Capacitor F Type
CH**	Ceramic Capacitor CH Type
LH**	Ceramic Capacitor LH Type
PH**	Ceramic Capacitor PH Type
RH**	Ceramic Capacitor RH Type
SH**	Ceramic Capacitor SH Type
TH**	Ceramic Capacitor TH Type
UJ**	Ceramic Capacitor UJ Type
SR**	Semi-Conductor Cap. SR Type
BC**	Semi-Conductor Cap. BC Type
M**	Mylar Capacitor
TF**	TF Capacitor
NP**	NPS Capacitor
AS****	ALSICON Capacitor
TA****	Tantalum Capacitor
ES****	Electrolytic Cap. SSM Type
ES****L	Electrolytic Cap. SSM-L Type
ES****H	Electrolytic Cap. SSM-H Type
ES****B	Electrolytic Cap. Bi-Polar
ES****Z	Electrolytic Cap. Bi-Polar
EG****	Electrolytic Cap. GSM Type
EE****	Electrolytic Cap. SEM Type

CAD Code	*Capacitor
EA*/***	Electrolytic Cap. Aibis Type
EL*/***	Electrolytic Cap. LSM Type
EH*/***	Electrolytic Cap. HPW Type
CT*****	Trimmer Capacitor

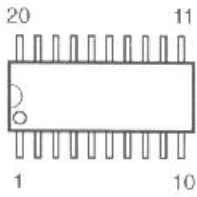
CAD Code	*Resistor
RAA****	Chip Resistor 2125 Type
RA****	Chip Resistor 3216 Type
RB****	Chip Resistor 3216 Type
RC****	Carbon Resistor 1/6W S Type
RD****	Carbon Resistor 1/4W U Type
RU****	Carbon Resistor 1/6W U Type
RF****	Carbon Resistor 1/2W S Type
RK****F	Metal Film Resistor 1/4W S ±1%
RL****F	Metal Film Resistor 1/6W S ±1%
RP****	Metal Oxide Resistor 1W S Type
RQ****	Metal Oxide Resistor 2W S Type
RM****	Cement Resistor 5W S Type
RV****	Variable Resistor Vertical Type 6φ
RV****A	Variable Resistor Vertical Metal 6φ
RV****B	Variable Resistor Down Type 6φ
RV****C	Variable Resistor Vertical 6φ 4 pin
RV****EH	Variable Resistor Vertical 6φ 4 pin
PR****	Printed Resistor (on PC Board)

# IC/TRANSISTOR LEAD IDENTIFICATION

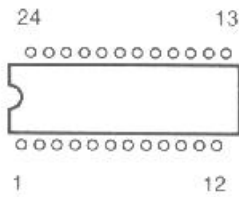
## TOP VIEW or SIDE VIEW



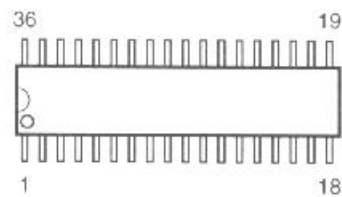
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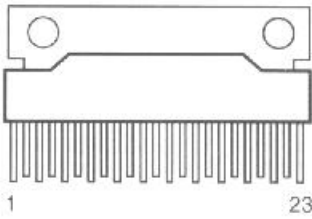
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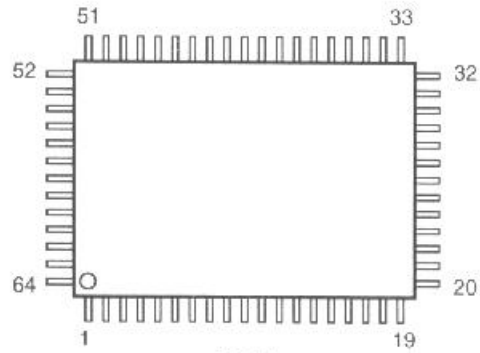
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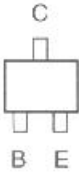
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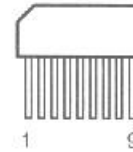
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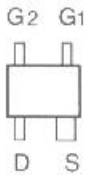
IC701



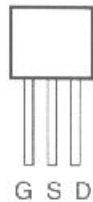
- |      |      |      |      |
|------|------|------|------|
| Q100 | Q201 | Q502 | Q701 |
| Q102 | Q202 | Q503 | Q702 |
| Q104 | Q301 | Q504 | Q703 |
| Q105 | Q302 | Q552 | Q704 |
| Q108 | Q304 | Q602 | Q705 |
| Q113 |      | Q607 | Q706 |
| Q114 |      | Q609 |      |
| Q115 |      |      |      |



IC100



Q101



Q103

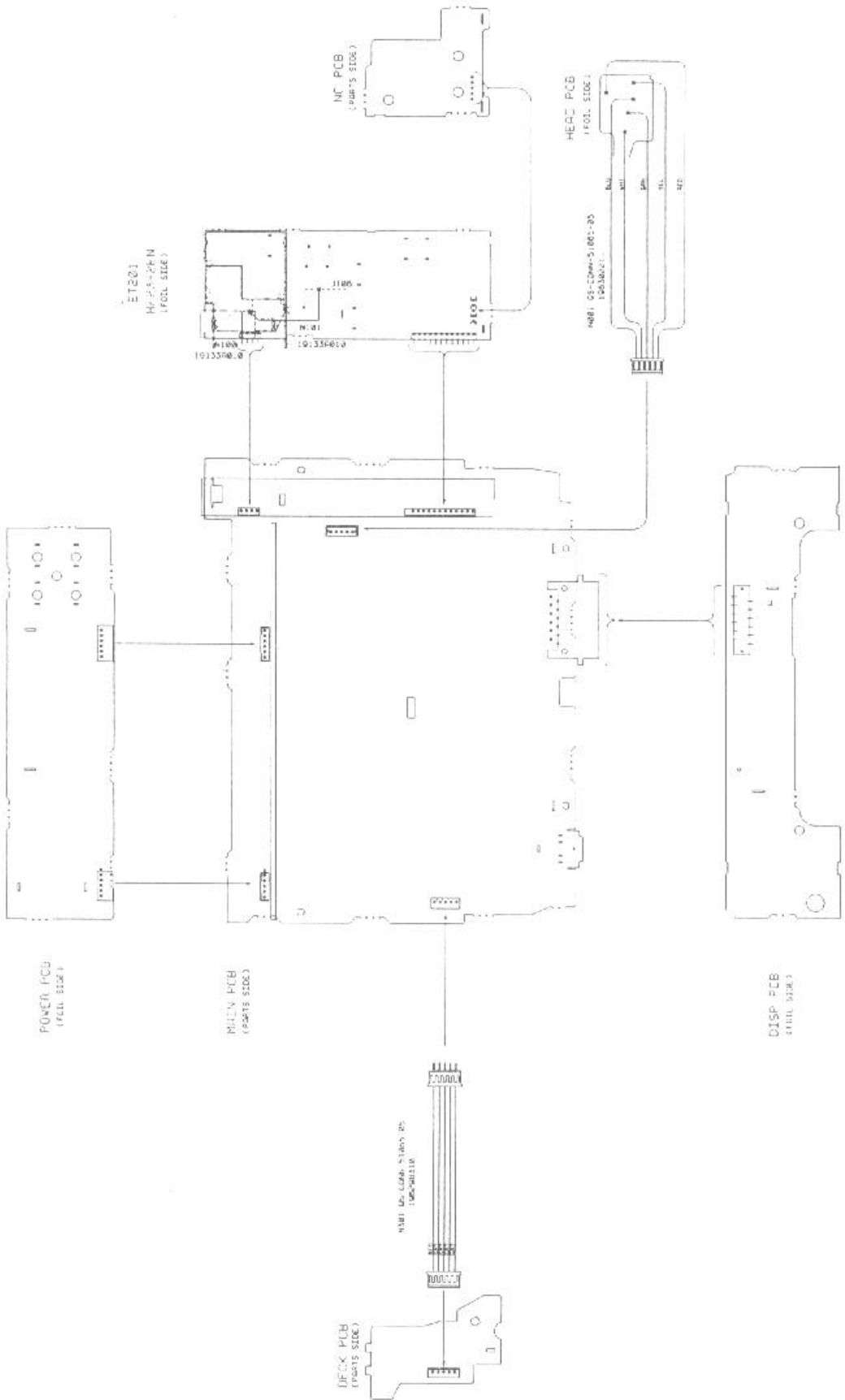


Q303  
Q601  
Q605  
Q608



Q551  
Q604

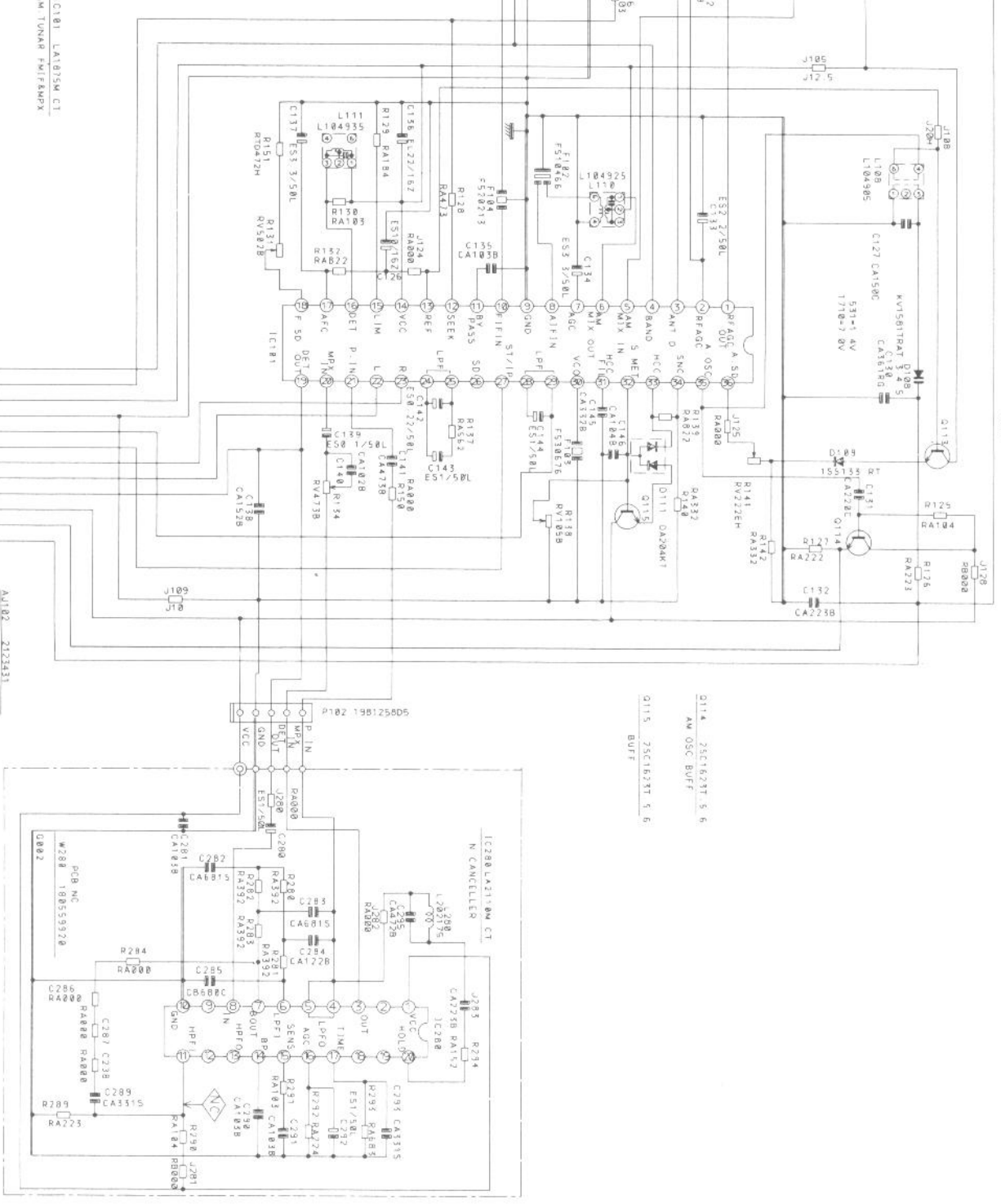
# WIRING DIAGRAM



Q113 25C162XT 5.6  
BUFF

Q114 25C162XT 5.6  
AM OSC BUFF

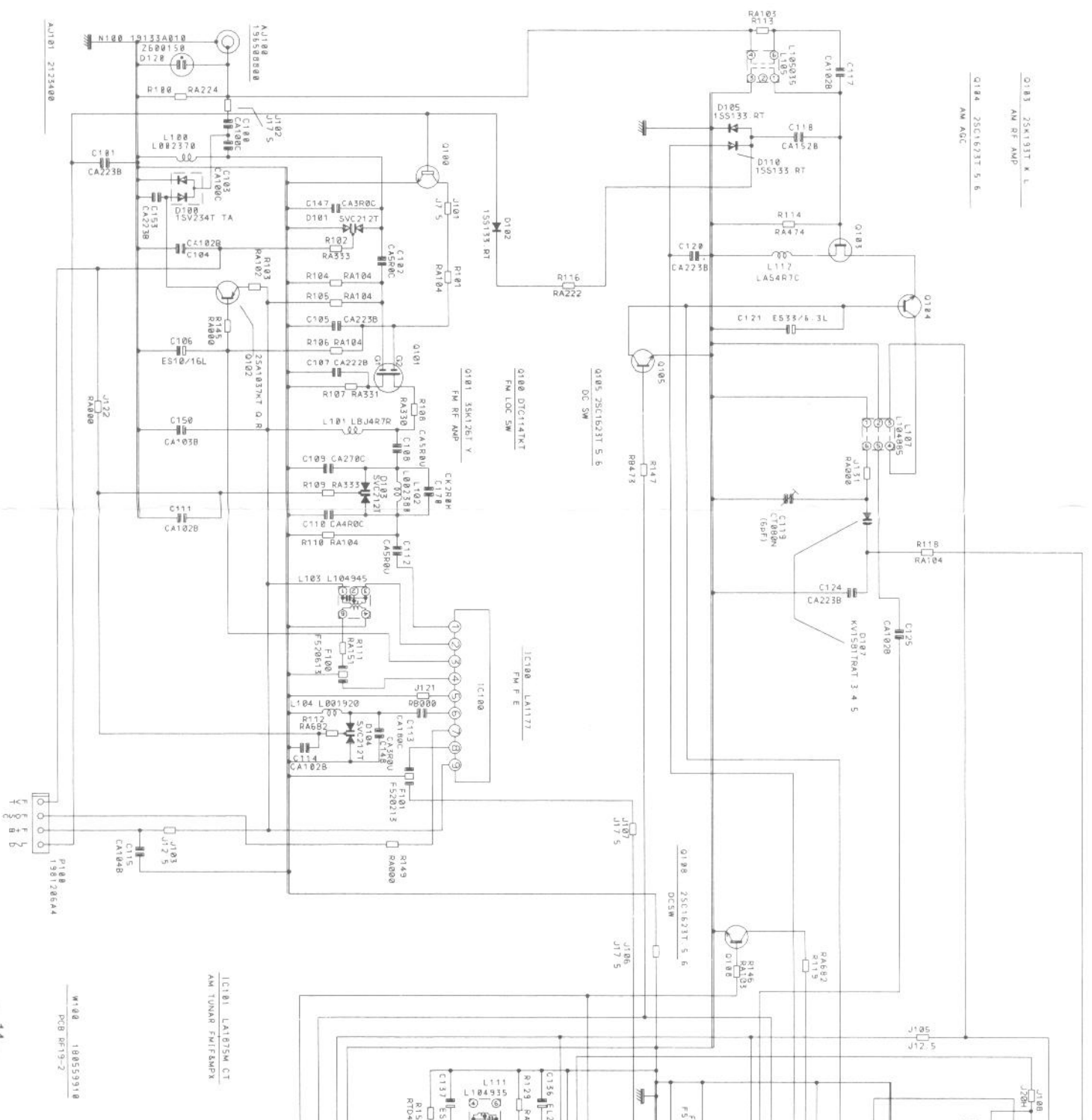
Q115 25C162XT 5.6  
BUFF



PCB DISP

Q1B3 2SK193T X L  
AM RF AMP

Q1B4 2SC1623T 5.6  
AM AGC



A10B1 2123400

W102 18055910  
PCB RF19-2

IC101 LA1075M CT  
AM TUNAR FM/FSMPX

Q100 DT014TKT  
FM LOC SW

Q101 55K120T Y  
FM RF AMP

Q102 2SC1623T 5.6  
DC SW

Q103 2SC1623T 5.6  
DC SW

Q104 2SC1623T 5.6  
DC SW

Q105 2SC1623T 5.6  
DC SW

Q106 2SC1623T 5.6  
DC SW

Q107 2SC1623T 5.6  
DC SW

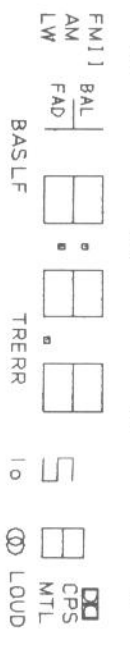
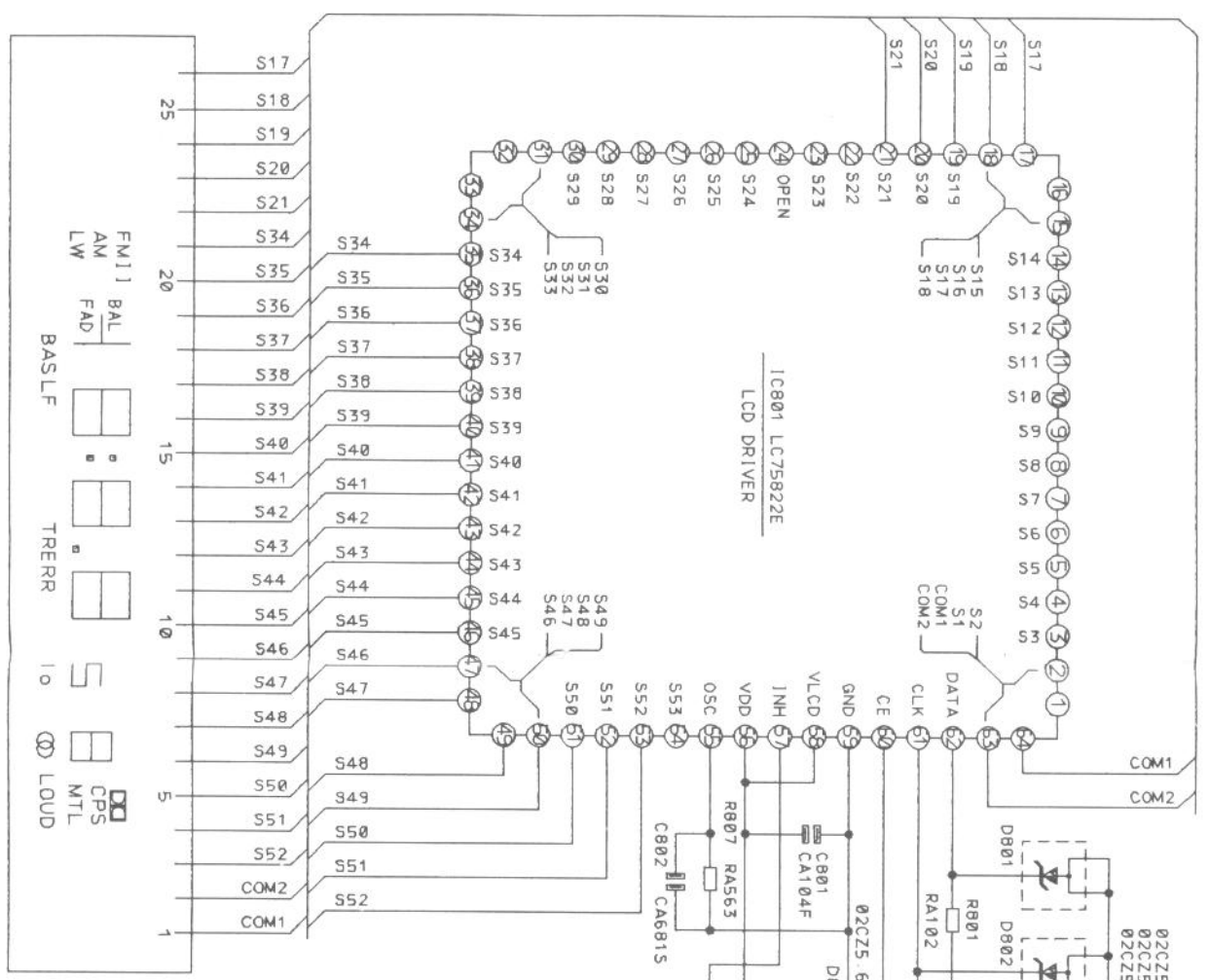
Q108 2SC1623T 5.6  
DC SW

Q109 2SC1623T 5.6  
DC SW

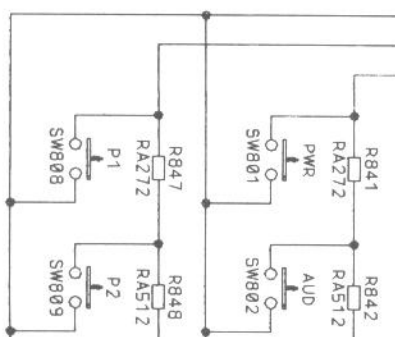
Q110 2SC1623T 5.6  
DC SW

TO MAIN

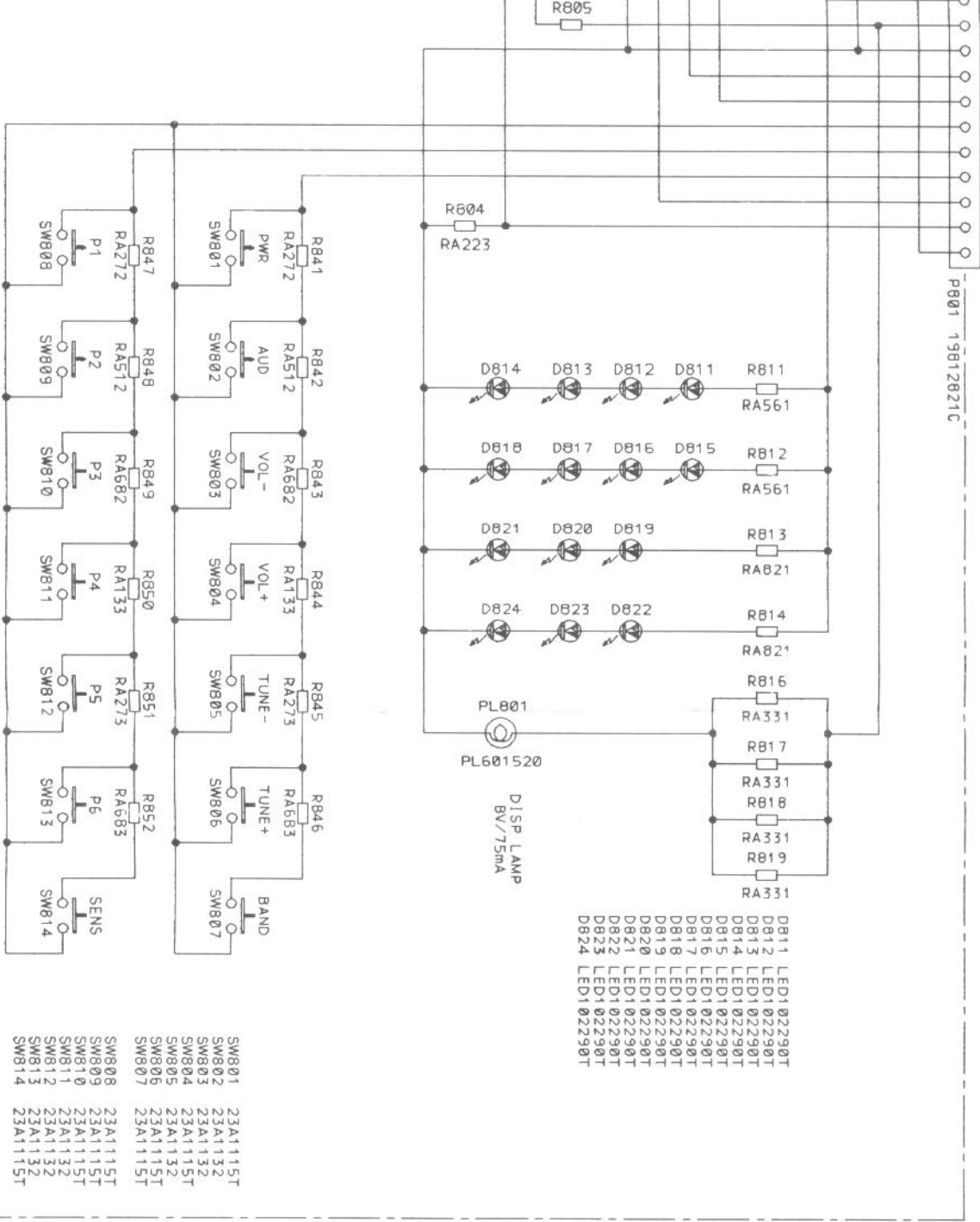
- P-GND
- DIM
- LCD
- GND
- CLK
- DATA
- GND (AD)
- ADC1
- ADC0
- CE
- INH
- PANEL



H801 144022100  
LCD

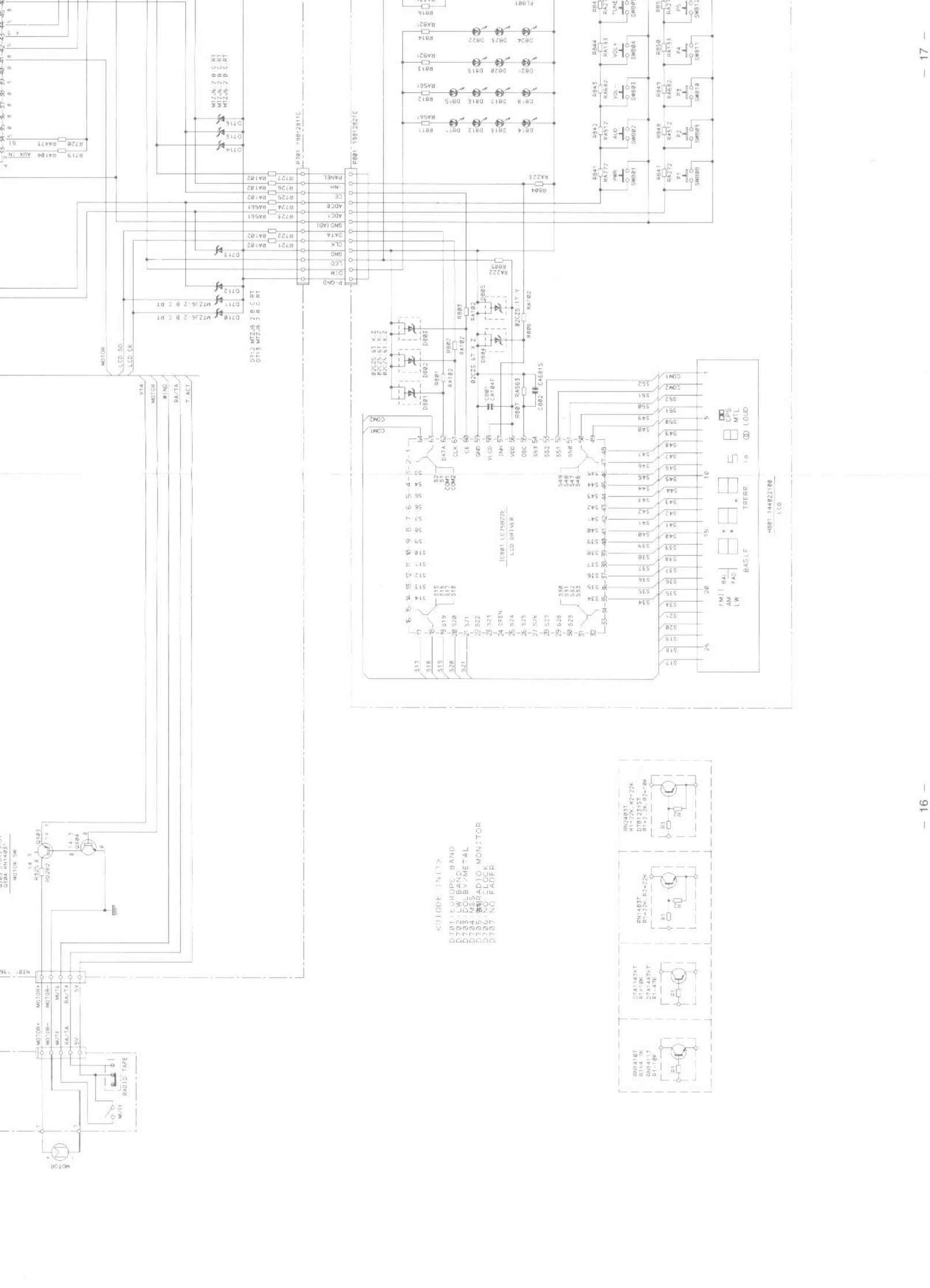


LCD  
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DATA  
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ADC1  
ADC0  
CE  
INH  
PANEL

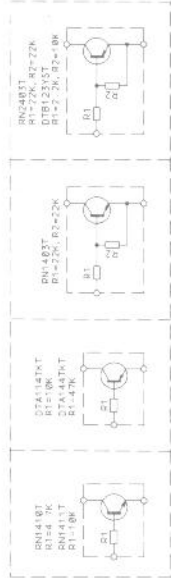


- D811 LED102290T
- D812 LED102290T
- D813 LED102290T
- D814 LED102290T
- D815 LED102290T
- D816 LED102290T
- D817 LED102290T
- D818 LED102290T
- D819 LED102290T
- D820 LED102290T
- D821 LED102290T
- D822 LED102290T
- D823 LED102290T
- D824 LED102290T

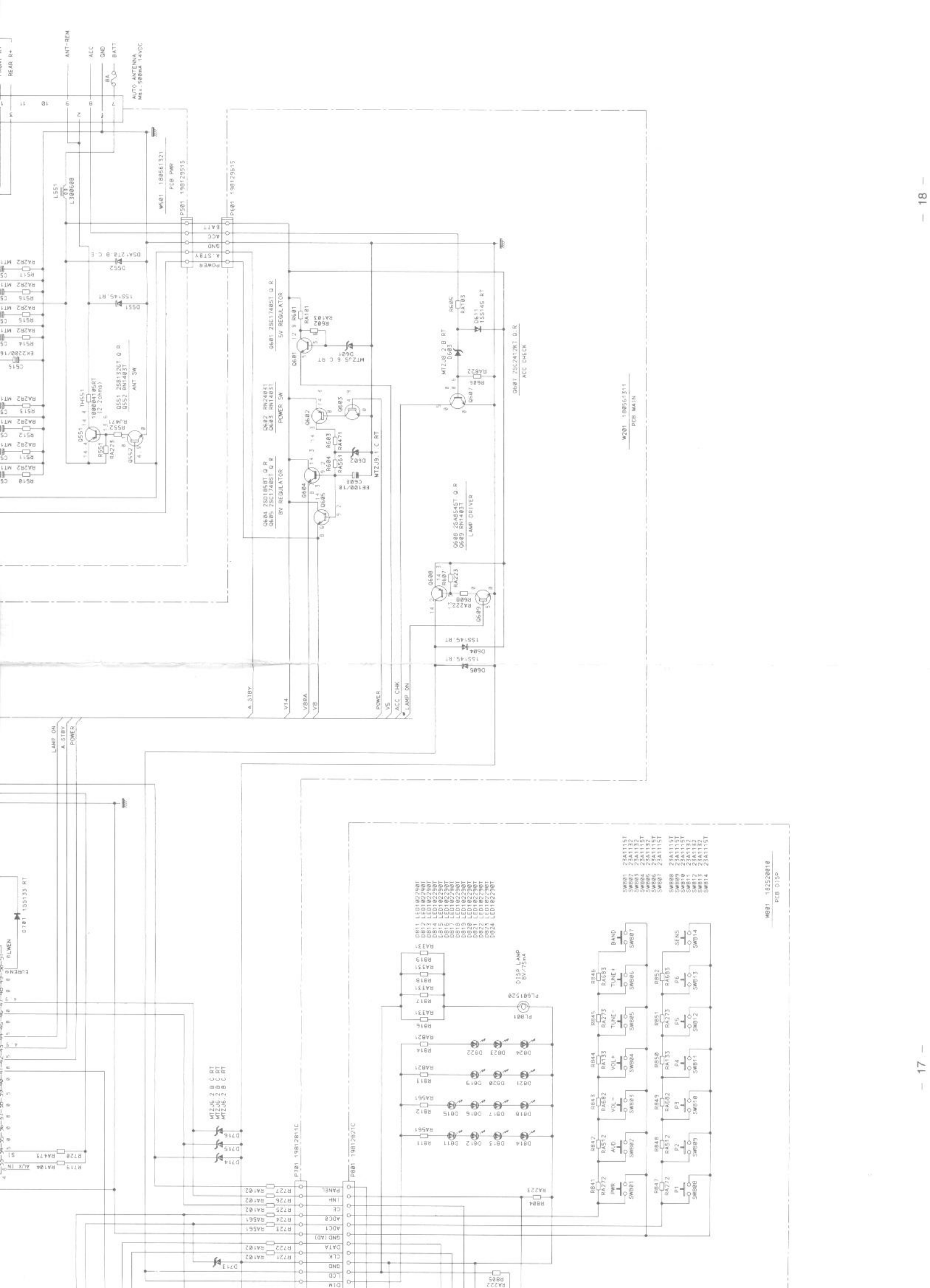
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- SW802 23A1132
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- SW814 23A1115T



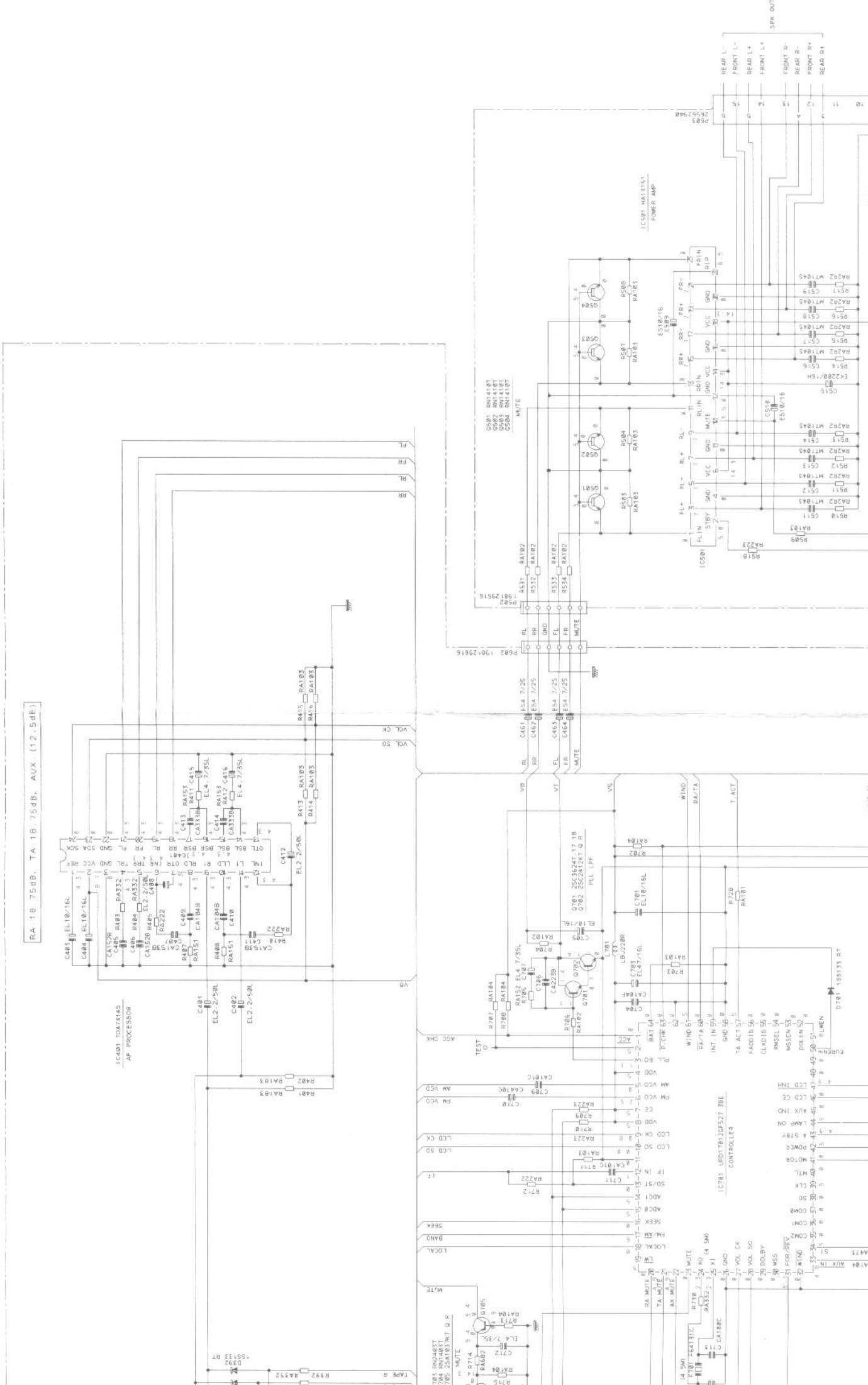
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 D782: LW BAND  
 D783: LW BAND BY METAL  
 D784: VOLUME BY METAL  
 D785: SWR RADIO MONITOR  
 D786: SWR RADIO MONITOR  
 D787: NO PAPER







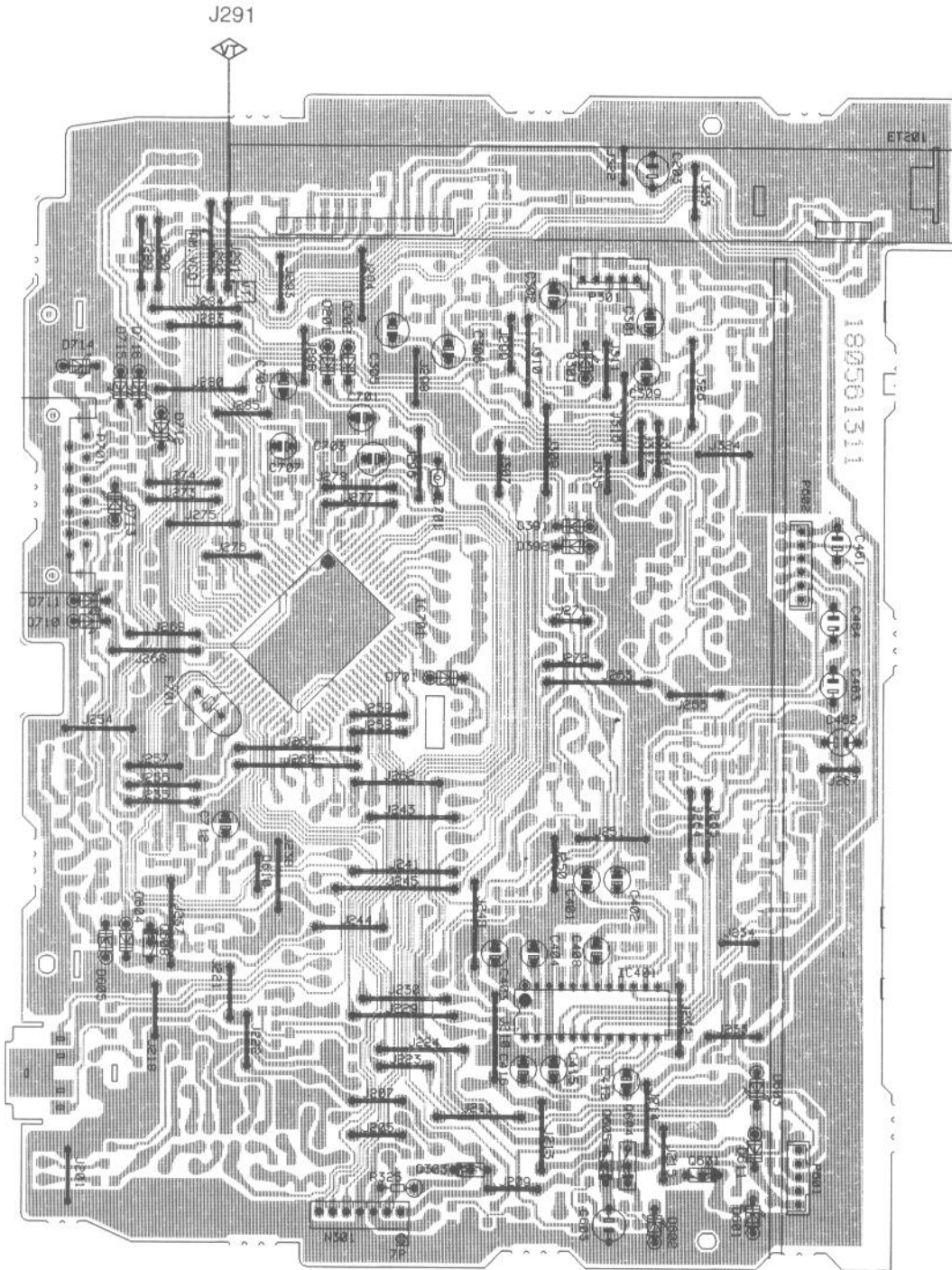
RA 1B 75dB, TA 1B 75dB, AUX (12.5dB)





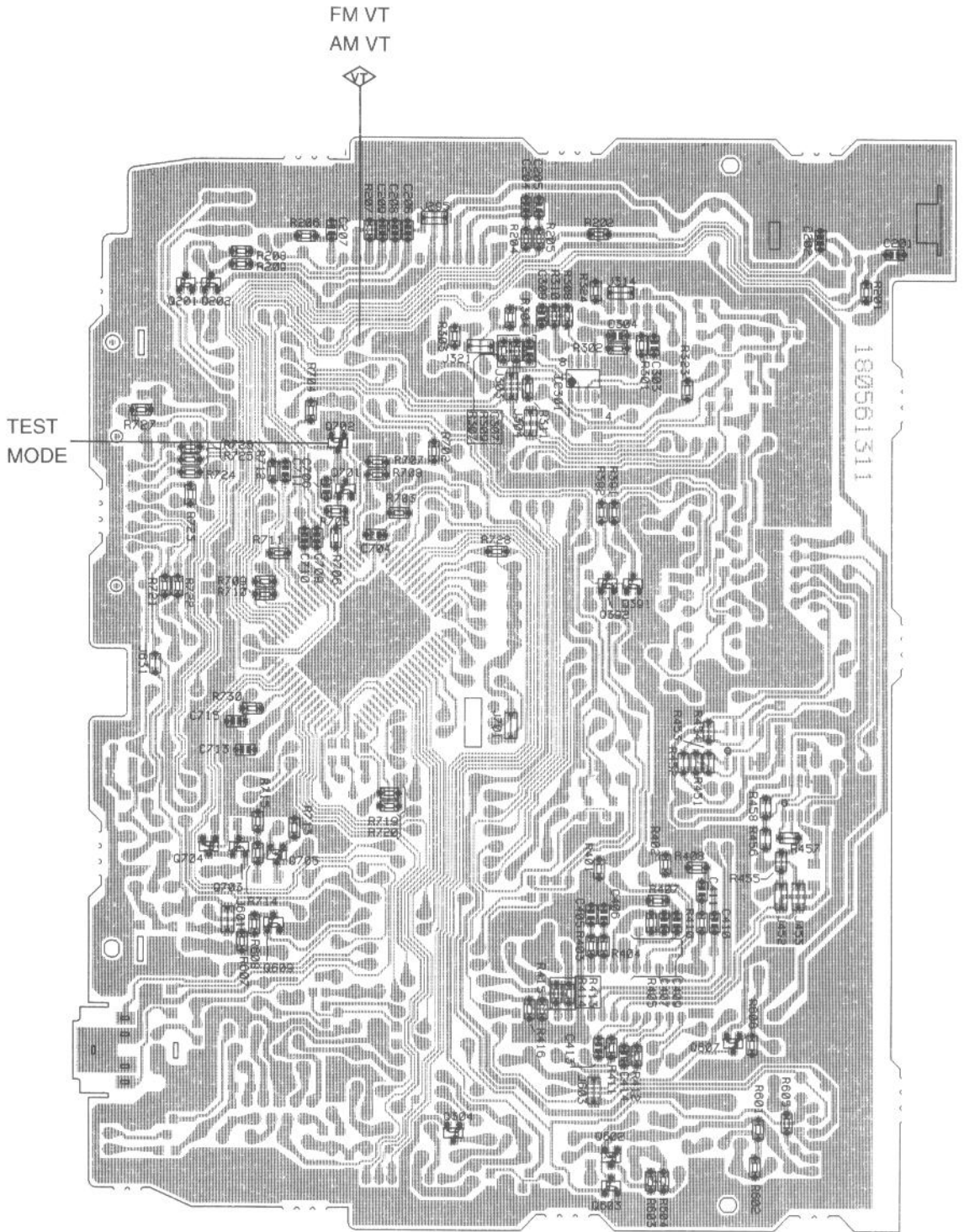
# CIRCUIT BOARD DIAGRAM

## PC BOARD ASS'Y (MAIN) 35P6410/36F0610



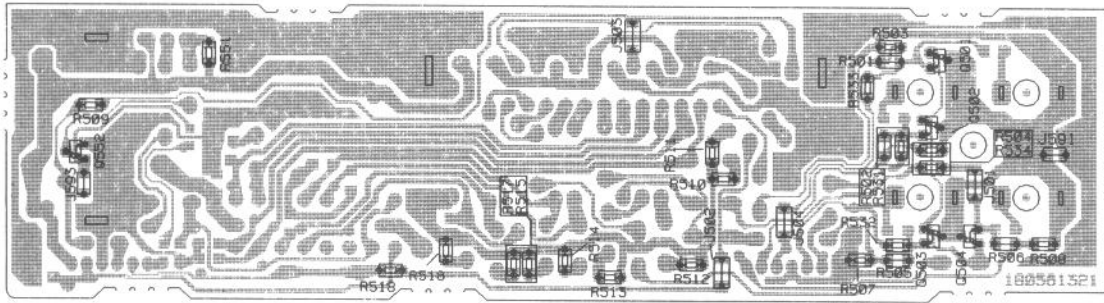
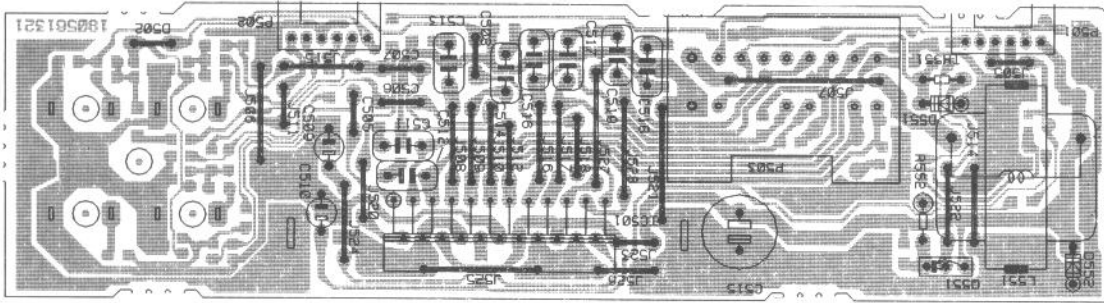
# CIRCUIT BOARD DIAGRAM

## PC BOARD ASS'Y (MAIN) 35P6410/36F0610



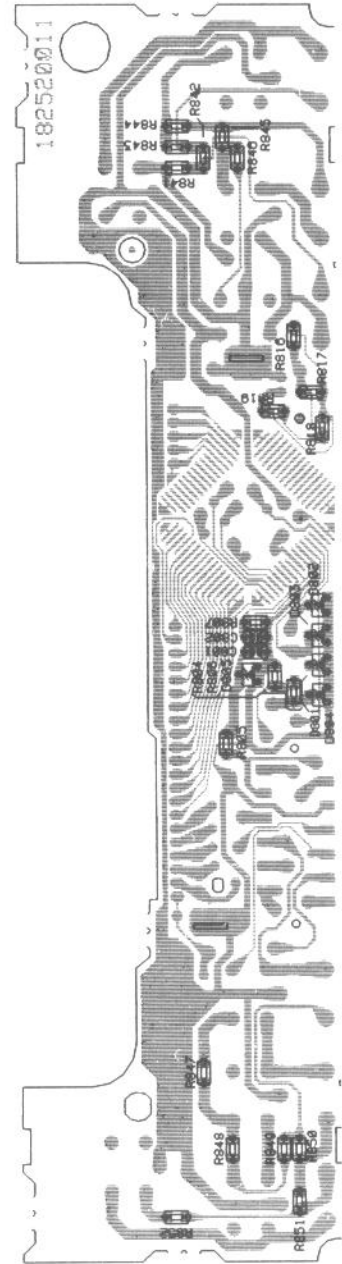
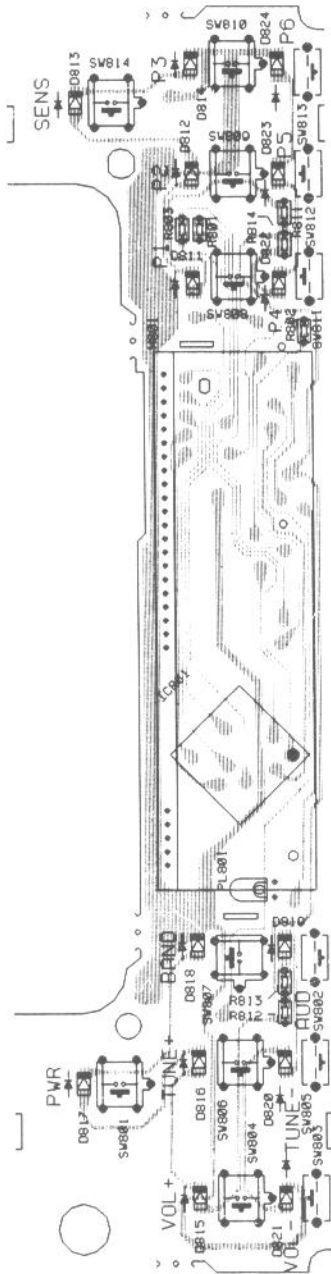
# CIRCUIT BOARD DIAGRAM

## PCB BLOCK ASS'Y (PWR) 35P6420/36F0620



# CIRCUIT BOARD DIAGRAM

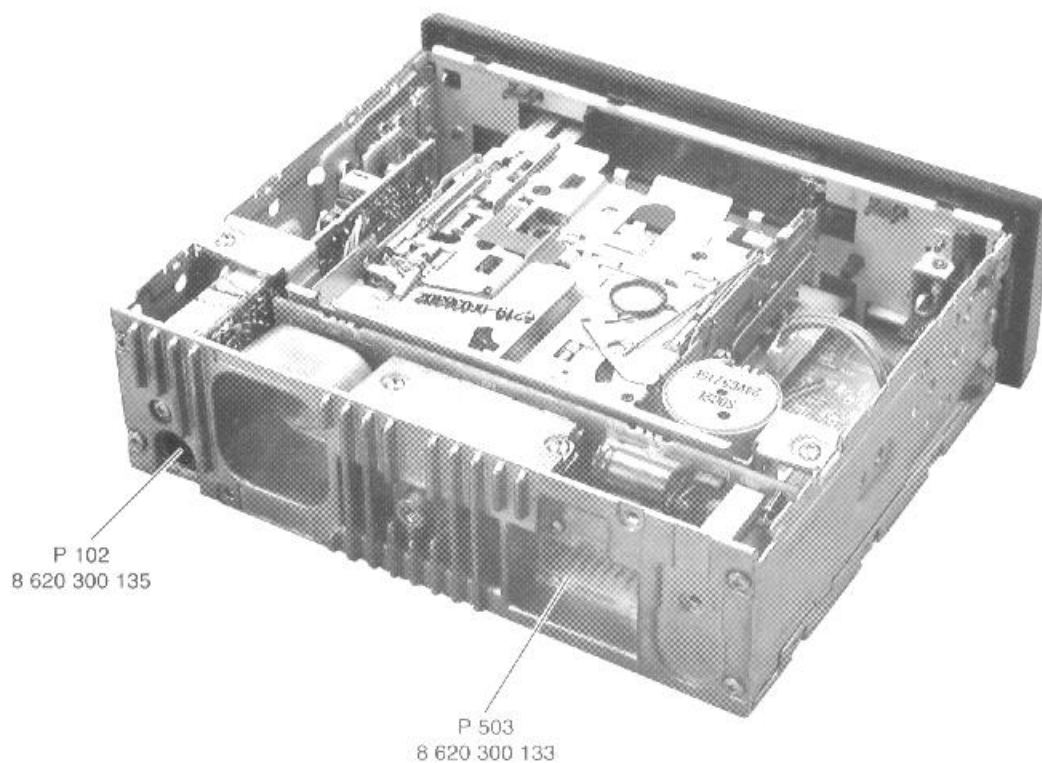
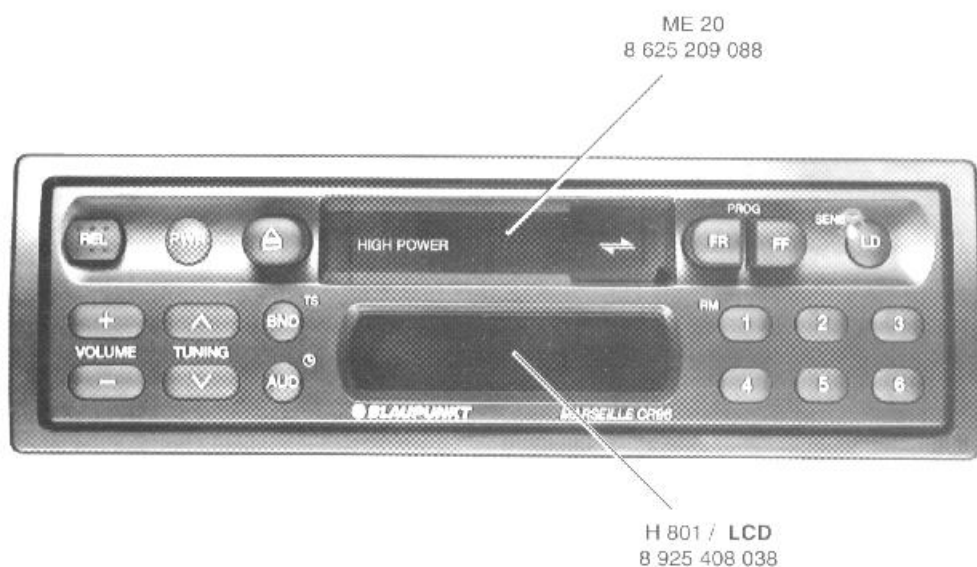
## PCB BLOCK ASS'Y (DISP) 35N3200/36D9600

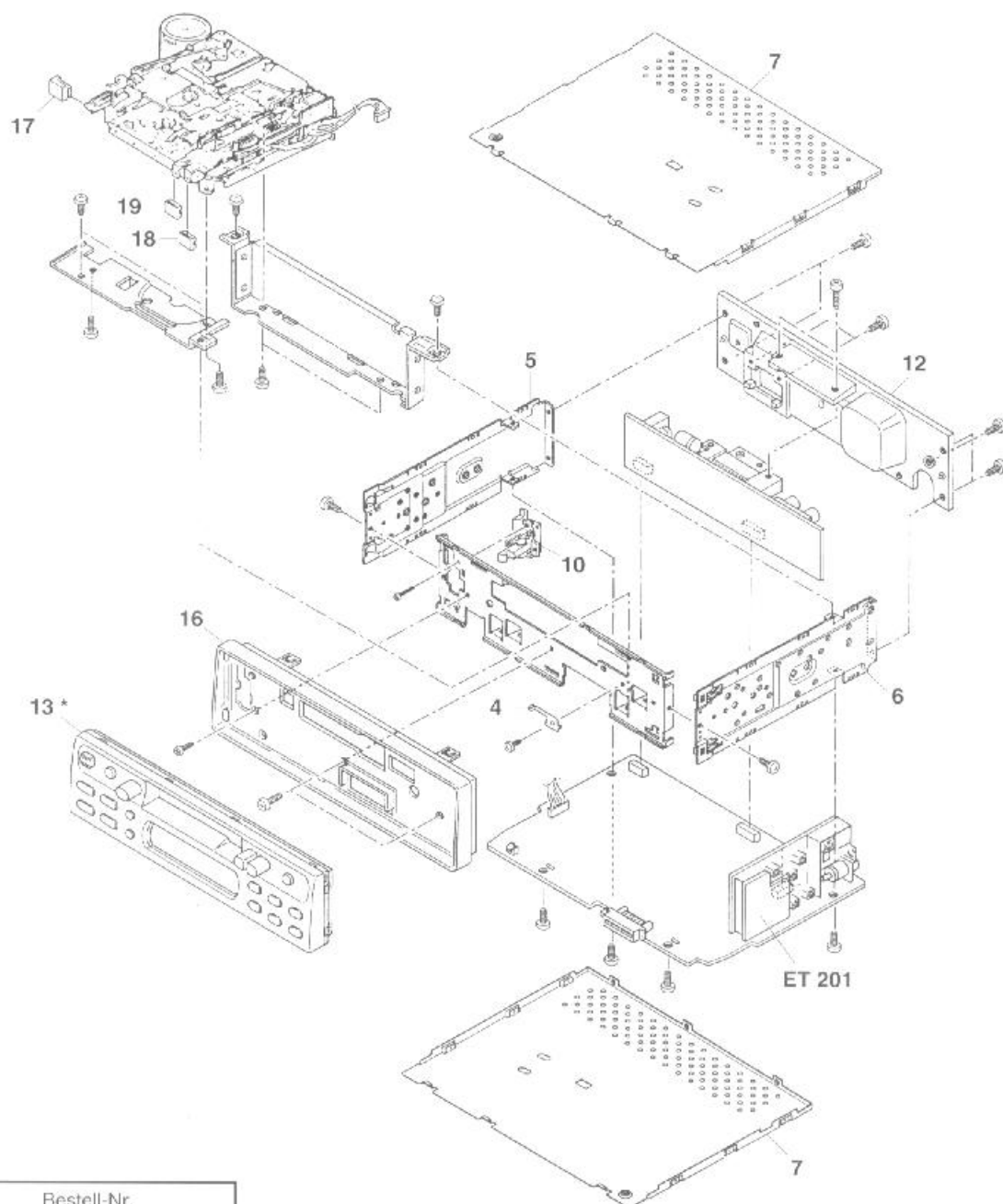






## Spare part list





Position	Bestell-Nr.
Position	Part no.
Position	No. de commande
Posición	Número de pedido

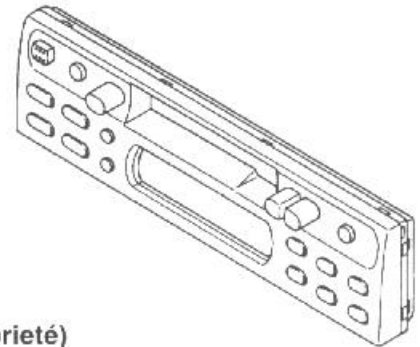
ME 4	8 624 600 085
ME 5	8 625 209 081
ME 6	8 625 209 082
ME 7	8 625 209 080
ME 10	8 622 100 002
ME 12	8 625 209 083
ME 13 *	8 620 500 043
ME 16	8 626 506 076
ME 17	8 622 306 120
ME 18	8 622 306 121
ME 19	8 622 306 122
ET 201	8 619 389 513

**Zubehör  
Accessoires**

**Accessories  
Accesorios**

	(D)	(GB)	(F)	(E)	
ME 5	KARTON	GIFT BOX	BOÎTE DE CARTON	CAJA DE CARTÓN	8 625 400 379
ME 8	FUTTERAL	CASE	ETUI	ESTUCHE	8 625 400 355
ME 9	DEMONTAGEBÜGEL	DISMANTLING AID	ETRIER DE DÉMONT.	ESTRIBO DE DESMONT	8 625 209 087
ME 10	HALTERAHMEN	FRAME	CADRE SUPPORT	MARCO DE FIJACION	8 625 209 086
ME 11	STYROPOR (2X)	STYROFOAM (2X)	STYROPORE (2X)	STYROPOR (2X)	8 625 400 356
ME 12	ANSCHLUSSKABEL	CONNECTING CABLE	CÂBLE DE RACCORDE.	CABLE DE CONEXIÓN	8 624 400 286
P 801	KONTAKTLEISTE	CONTACT STRIP	RÉGLETTE DE CONT.	REGLITA DE CORITA.	8 620 300 134
ME 21	DREHFEDER	TORSION SPRING	RESSORT DE TENSION	RESORTE DE TENSIÓN	8 621 200 135

**ME 13 \***  
**Release Panel**  
**8 620 500 043**



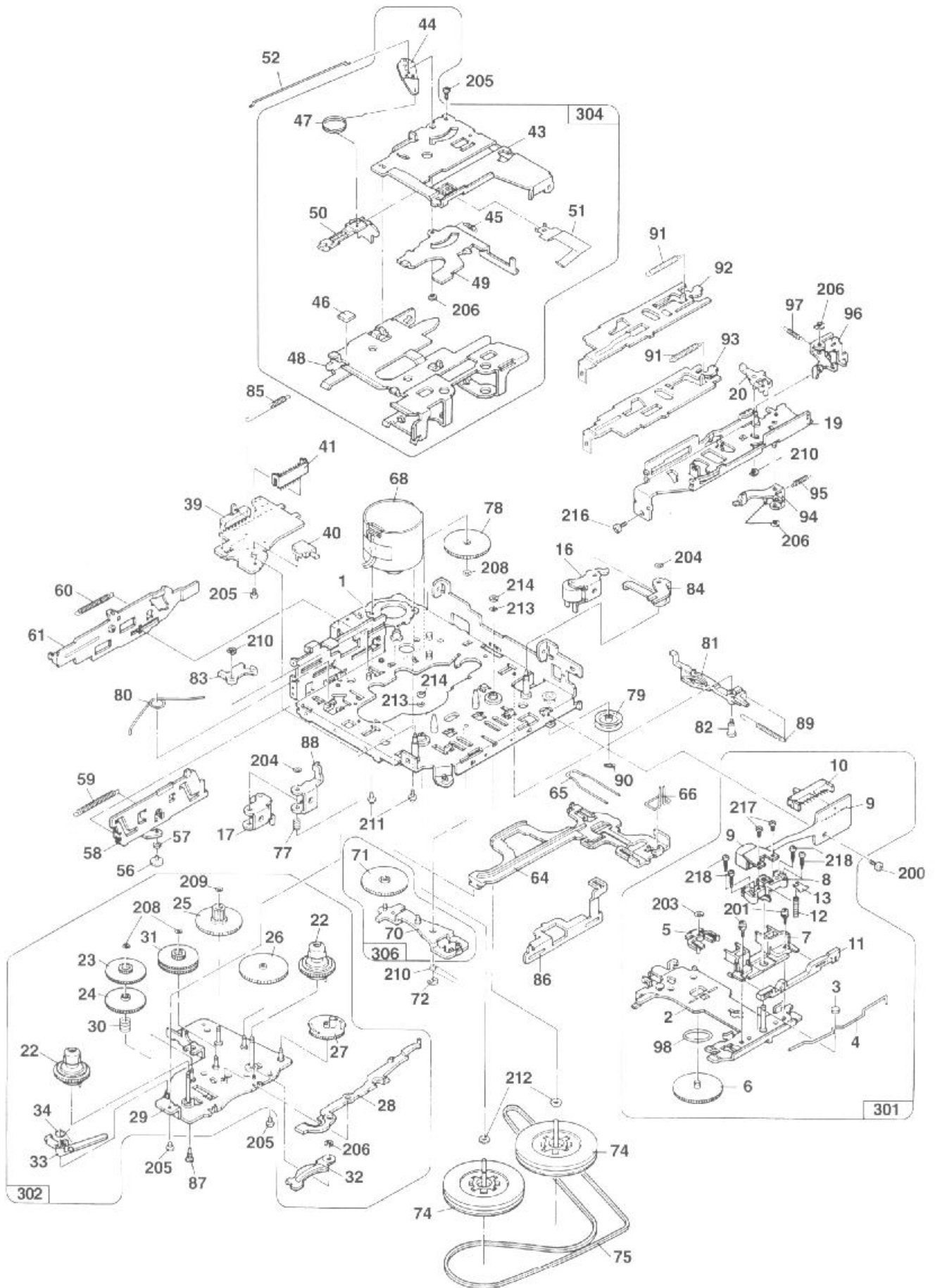
\*  
(Lieferung nur gegen Eigentumsnachweis)  
(Delivery only upon proof of ownership)  
(Livraison seulement contre présentation du certificat de propriété)  
(Suministro sólo por presentación del certificado de propiedad)







Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 1	8 628 800 425
LW 2	8 628 800 426
LW 3	8 626 600 475
LW 4	8 621 200 115
LW 5	8 621 901 689
LW 6	8 626 300 442
LW 7	8 621 300 160
LW 8	8 621 300 145
LW 9	8 627 609 515
LW 10	8 908 003 512
LW 11	8 621 901 691
LW 12	8 621 200 116
LW 13	8 620 105 426
LW 16	8 621 901 692
LW 17	8 621 901 693
LW 19	8 621 901 694
LW 20	8 621 901 686
LW 22	8 626 600 469
LW 23	8 626 600 470
LW 24	8 626 600 471
LW 25	8 626 600 472
LW 26	8 626 600 473
LW 27	8 626 300 443
LW 28	8 621 901 721
LW 29	8 621 300 146
LW 30	8 621 200 117
LW 31	8 626 600 476
LW 32	8 621 300 159
LW 33	8 621 901 688
LW 34	8 621 200 118
LW 39	8 908 003 513
LW 40	8 908 003 514
LW 41	8 622 002 000





Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 43	8 621 300 147
LW 44	8 621 901 580
LW 45	8 624 600 675
LW 46	8 622 306 053
LW 47	8 621 200 119
LW 48	8 625 100 086
LW 49	8 621 300 149
LW 50	8 621 901 741
LW 51	8 621 200 120
LW 52	8 624 600 673
LW 56	8 626 600 477
LW 57	8 626 600 478
LW 58	8 621 300 150
LW 59	8 621 200 121
LW 60	8 621 200 122
LW 61	8 621 901 697
LW 64	8 621 300 151
LW 65	8 621 200 123
LW 66	8 621 200 124
LW 68	8 627 205 772
LW 70	8 621 901 732
LW 71	8 626 600 461
LW 72	8 624 600 880
LW 74	8 620 100 554
LW 75	8 624 700 416
LW 77	8 624 600 800
LW 78	8 626 600 463
LW 79	8 626 600 464
LW 80	8 621 200 126
LW 81	8 621 901 704
LW 82	8 623 400 199
LW 83	8 621 901 703
LW 84	8 621 901 702

Position Position Position Posición	Bestell-Nr. Part no. No. de commande Número de pedido
LW 85	8 621 200 127
LW 86	8 621 901 731
LW 87	8 623 400 210
LW 88	8 621 901 700
LW 89	8 621 600 128
LW 90	8 620 105 427
LW 91	8 621 200 133
LW 92	8 621 901 760
LW 93	8 621 901 759
LW 94	8 621 300 152
LW 95	8 621 200 130
LW 96	8 621 300 153
LW 97	8 621 200 131
LW 98	8 620 105 438
LW 201	8 623 400 211
LW 203	8 620 105 429
LW 204	8 620 105 430
LW 205	8 623 400 216
LW 206	8 620 105 436
LW 208	8 620 105 431
LW 209	8 620 105 432
LW 210	8 620 105 437
LW 211	8 623 400 215
LW 212	8 620 010 549
LW 213	8 620 105 434
LW 214	8 620 105 435
LW 216	8 623 400 212
LW 217	8 623 400 213
LW 218	8 623 400 214
LW 301	8 620 100 551
LW 302	8 628 800 420
LW 304	8 628 800 422
LW 306	8 620 100 552

Explosionszeichnung / Exploded View / Vue éclatée / Dibujo de tipo explosión



Position Position Position Posición	Bezeichnung Designation Dénomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
		
D 100	1SV 234 T-TA	8 925 408 039
D 101	SVC 212 T	8 925 408 040
D 102	1 SS 133-RT	8 925 408 034
D 103	SVC 212 T	8 925 408 040
D 104	SVC 212 T	8 925 408 040
D 105	1 SS 133-RT	8 925 408 034
D 107	KV 1581 TRAT	8 925 408 041
D 108	KV 1581 TRAT	8 925 408 041
D 109	1 SS 133-RT	8 925 408 034
D 110	1 SS 133-RT	8 925 408 034
D 111	DA 204 KT	8 925 408 042
D 120	MA-301N	8 925 408 043
D 201	1 SS 133-RT	8 925 408 034
D 202	1 SS 133-RT	8 925 408 034
D 301	MTZJ 4.3	8 925 421 634
D 391	1 SS 133-RT	8 925 408 034
D 392	1 SS 133-RT	8 925 408 034
D 551	1 SS 145-RT	8 925 408 035
D 552	DSA 12T0-B	8 925 408 036
D 601	MTZJ 5.6	8 925 421 635
D 602	MTZJ 9.3	8 925 421 638
D 603	MTZJ 8.2	8 925 421 636
D 604	1 SS 145-RT	8 925 408 035
D 605	1 SS 145-RT	8 925 408 035
D 701	1 SS 133-RT	8 925 408 034
D 710-		
D 716	MTZJ 6.2	8 925 421 637
D 801-		
D 804	02 CZ 5.6T	8 925 421 639
D 805	02 CZ 5.1T	8 925 421 640
D 811-		
D 824	AY 1102	8 925 408 037
		
F 100		8 946 193 617
F 101		8 946 193 618
F 102		8 946 193 619
F 103		8 946 193 620
F 104		8 946 193 618
F 701		8 639 339 025
		
PL 801	8V / 75mA	8 627 500 008
		
SW 801		9 648 058 295
SW 802		8 908 003 427
SW 803		8 908 003 427
SW 804		9 648 058 295
SW 805		8 908 003 427
SW 806		9 648 058 295
SW 807		9 648 058 295
SW 808		9 648 058 295
SW 809		9 648 058 295
SW 810		9 648 058 295
SW 811		8 908 003 427
SW 812		8 908 003 427
SW 813		8 908 003 427
SW 814		9 648 058 295

Position Position Position Posición	Bezeichnung Designation Dénomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
		
L 100		8 958 411 516
L 101		8 958 411 517
L 102		8 958 411 518
L 103		8 958 411 519
L 104		8 958 411 520
L 105		8 958 411 521
L 107		8 958 411 522
L 108		8 958 411 523
L 110		8 958 411 524
L 111		8 958 411 525
L 112		8 958 411 526
L 280		8 958 411 515
L 551		8 619 319 043
L 701		8 619 339 026
		
R 151		8 940 599 852
TH 551		8 940 599 851
		
IC 100	LA 1177	8 925 902 312
IC 101	LA 1875M-CT	8 925 902 313
IC 280	LA 2110M-CT	8 925 902 314
IC 301	UPC 4570 G-CT	8 925 902 305
IC 401	TDA 7314 S	8 925 902 306
IC 501	HA 13151	8 925 902 388
IC 701	UPD 17012 GF527	8 925 902 308
IC 801	LC 75822E	8 925 902 311
		
Q 100	DTC 114TKT	8 925 705 887
Q 101	3 SK126T	8 925 705 888
Q 102	2 SA1037KT	8 925 705 883
Q 103	2 SK193T	8 925 705 889
Q 104	2 SC1623T	8 925 705 890
Q 105	2 SC1623T	8 925 705 890
Q 108	2 SC1623T	8 925 705 890
Q 113	2 SC1623T	8 925 705 890
Q 114	2 SC1623T	8 925 705 890
Q 115	2 SC1623T	8 925 705 890
Q 201	RN 1403 T	8 925 705 876
Q 202	RN 1403 T	8 925 705 876
Q 303	DTB 123 YST	8 925 705 877
Q 304	RN 1403 T	8 925 705 876
Q 391	RN 1403 T	8 925 705 876
Q 392	RN 1403 T	8 925 705 876
Q 501	RN 1410 T	8 619 319 044
Q 502	RN 1410 T	8 619 319 044
Q 503	RN 1410 T	8 619 319 044
Q 504	RN 1410 T	8 619 319 044
Q 551	2 SB1326T	8 925 705 886
Q 552	RN 1403 T	8 925 705 876
Q 601	2 SC1740ST	8 925 705 878
Q 602	RN 2403 T	8 925 705 884
Q 603	RN 1403 T	8 925 705 876
Q 604	2 SD1858T	8 925 705 879
Q 605	2 SC1740ST	8 925 705 878

Position Position Position Posición	Bezeichnung Designation Dénomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido
		
Q 607	2 SC2412KT	8 925 705 880
Q 608	2 SA854ST	8 925 705 881
Q 609	RN 1403 T	8 925 705 876
Q 701	2 SC3624T	8 925 705 882
Q 702	2 SC2412KT	8 925 705 880
Q 705	2 SA1037KT	8 925 705 883

Position Position Position Posición	Bezeichnung Designation Dénomination Denominación	Bestell-Nr. Part no. No. de commande Número de pedido

**Hinweis:**

Handelsübliche Kondensatoren und Widerstände sind in der Ersatzteilliste nicht aufgeführt. Wir bitten Sie, diese Teile im Fachhandel zu beziehen.

**Nota:**

Des condensateurs et résistances commerciaux ne sont pas inclus dans la liste des pièces détachées. Veuillez acheter ces pièces chez votre spécialiste.

**Note:**

Capacitors and resistors usual in trade are not mentioned in the spare parts list. Kindly buy these parts from the specialized trade.

**Nota:**

No se indican en la lista de piezas de requestos los condensadores y los resistores de uso comercial. Les rogamos comprar esas piezas en el comercio especializado.