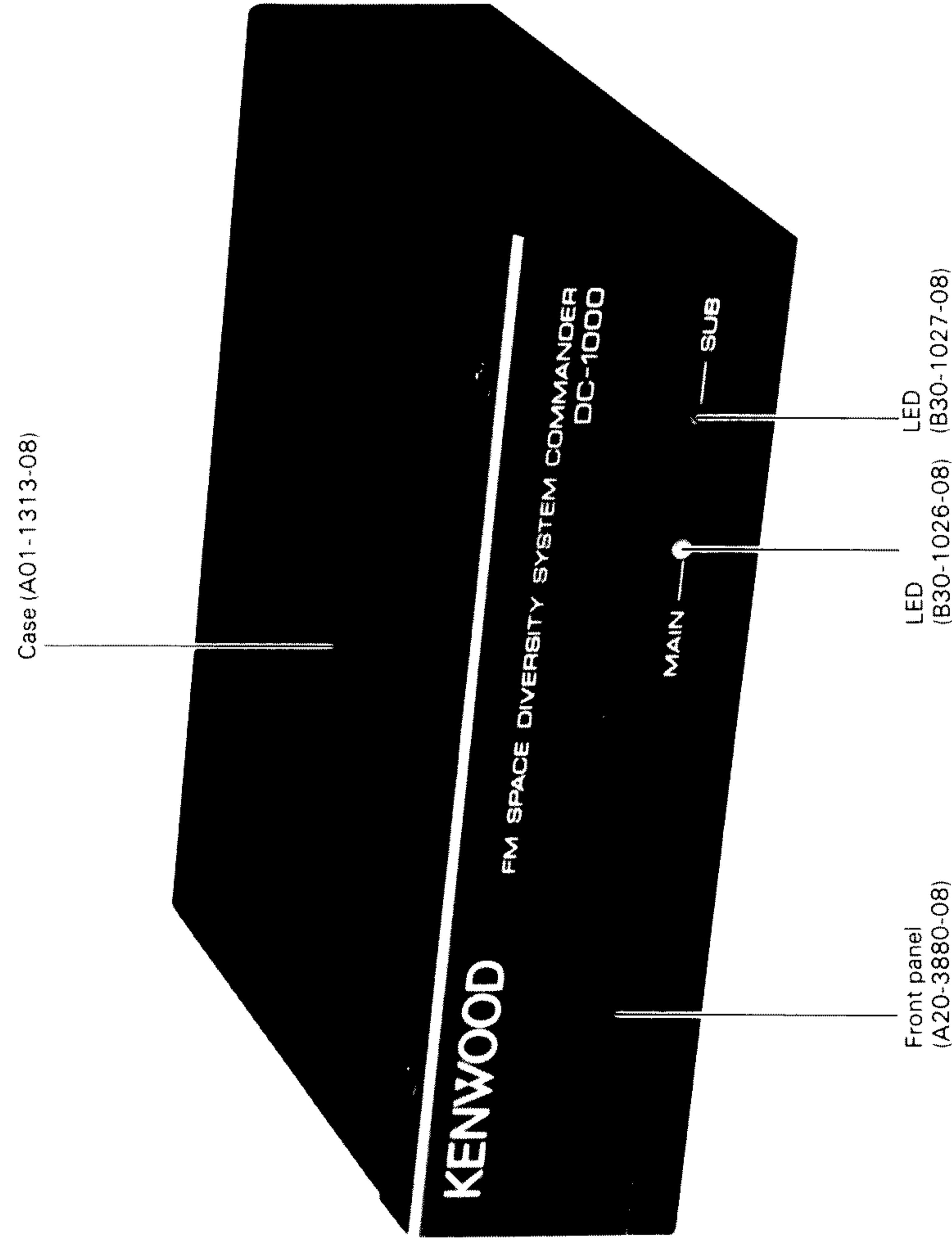


DC-1000

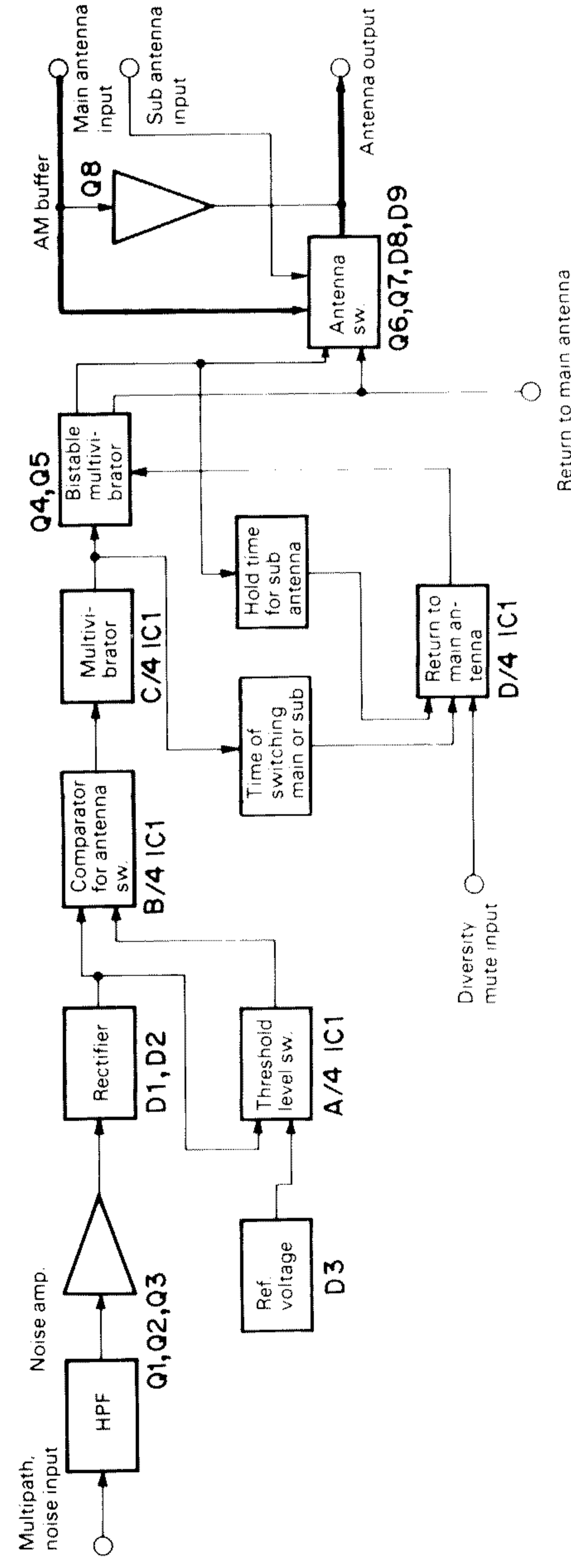
DC-1000

KENWOOD

FM SPACE DIVERSITY

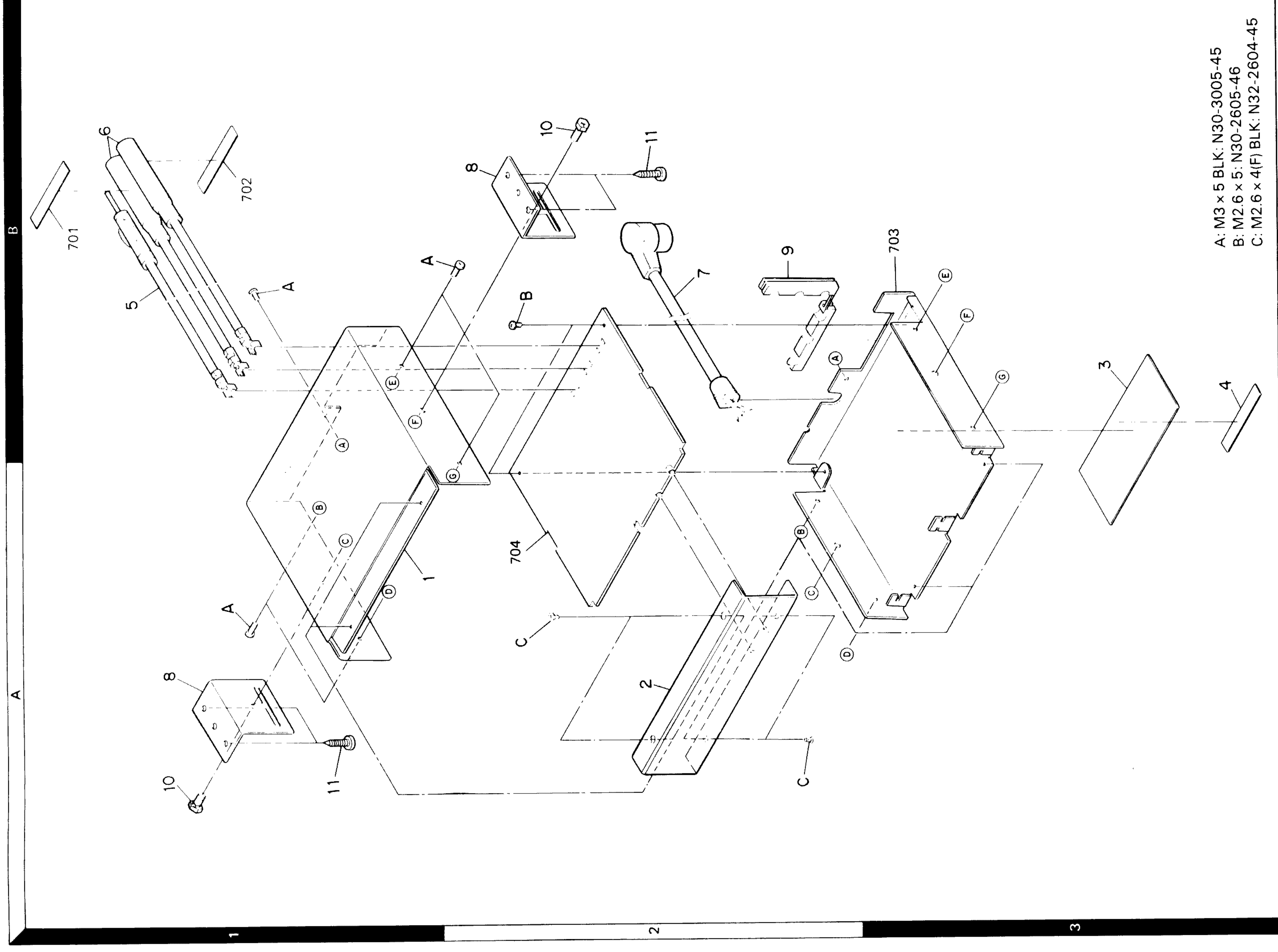


BLOCK DIAGRAM



EXPLODED VIEW

Exploded view No. 701 ~ are not supplied.



A: M3 x 5 BLK: N30-3005-45
 B: M2.6 x 5: N30-2605-46
 C: M2.6 x 4(F) BLK: N32-2604-45

ADJUSTMENT/REGLAGE/ABGLEICH

No.	ITEM	INPUT SETTING	OUTPUT SETTING	TUNER SETTING	ALIGNMENT POINT	ALIGN FOR
1	SENS	100 kHz 20 mV	SUB LED (YELLOW)	-	RV1	Turn RV1 fully counterclockwise, the gradually turn it clockwise and mark the position.

REGLAGE

N°	ITEM	REGLAGE DE L'ENTREE	REGLAGE DE LA SORTIE	REGLAGE DE TUNER	POINT D'ALIGNEMENT	ALIGNER POUR
1	SENS	100 kHz 20 mV	SUB LED (YELLOW)	-	RV1	Faire tourner RV1 à fond dans le sens inverse des aiguilles d'une montre et marquer la position.

ABGLEICH

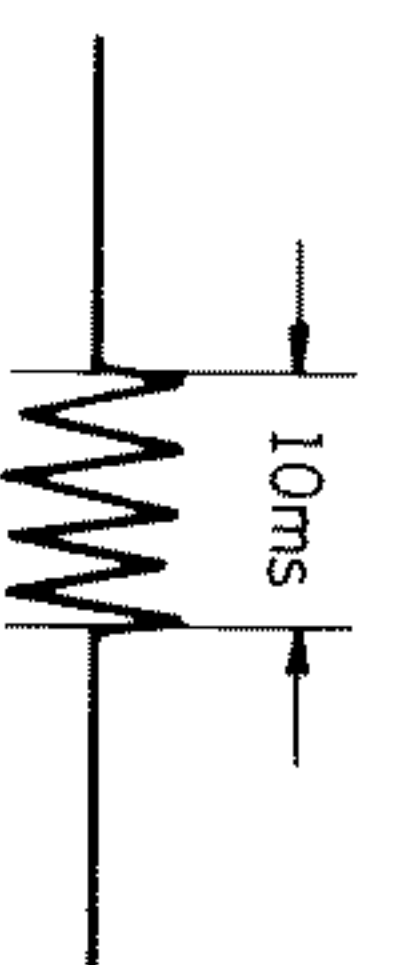
NR.	GEGENSTAND	EINGANGS-EINSTELLUNG	AUSGANGS-EINSTELLUNG	TUNER-EINSTELLUNG	ABGLEICH-PUNKTE	ABGLEICHEN FÜR
1	SENS	100 kHz 20 mV	SUB LED (YELLOW)	-	RV1	VR1 voll im Gegenurzeigersinn, dann allmählich im Uhrzeigersinn drehen und die Position markieren.

With the above adjustment, the switching sensitivity when this unit is combined with the KTC-7600 is obtained.

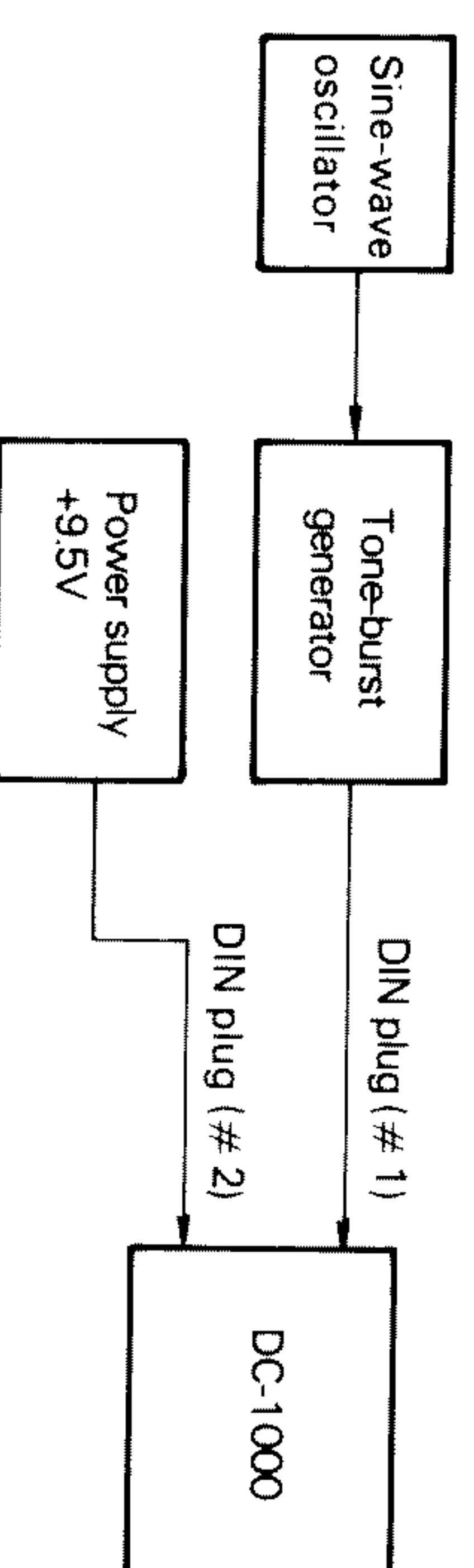
To change the switching sensitivity according to the user's wishes, proceed as follows:

- Turn clockwise
The sensitivity increases and switching occurs easily. Excessive turning may result in malfunction due to music signal.
- Turn counterclockwise
The sensitivity decreases and switching does not occur even when distortion is noted.

One-shot-burst signal

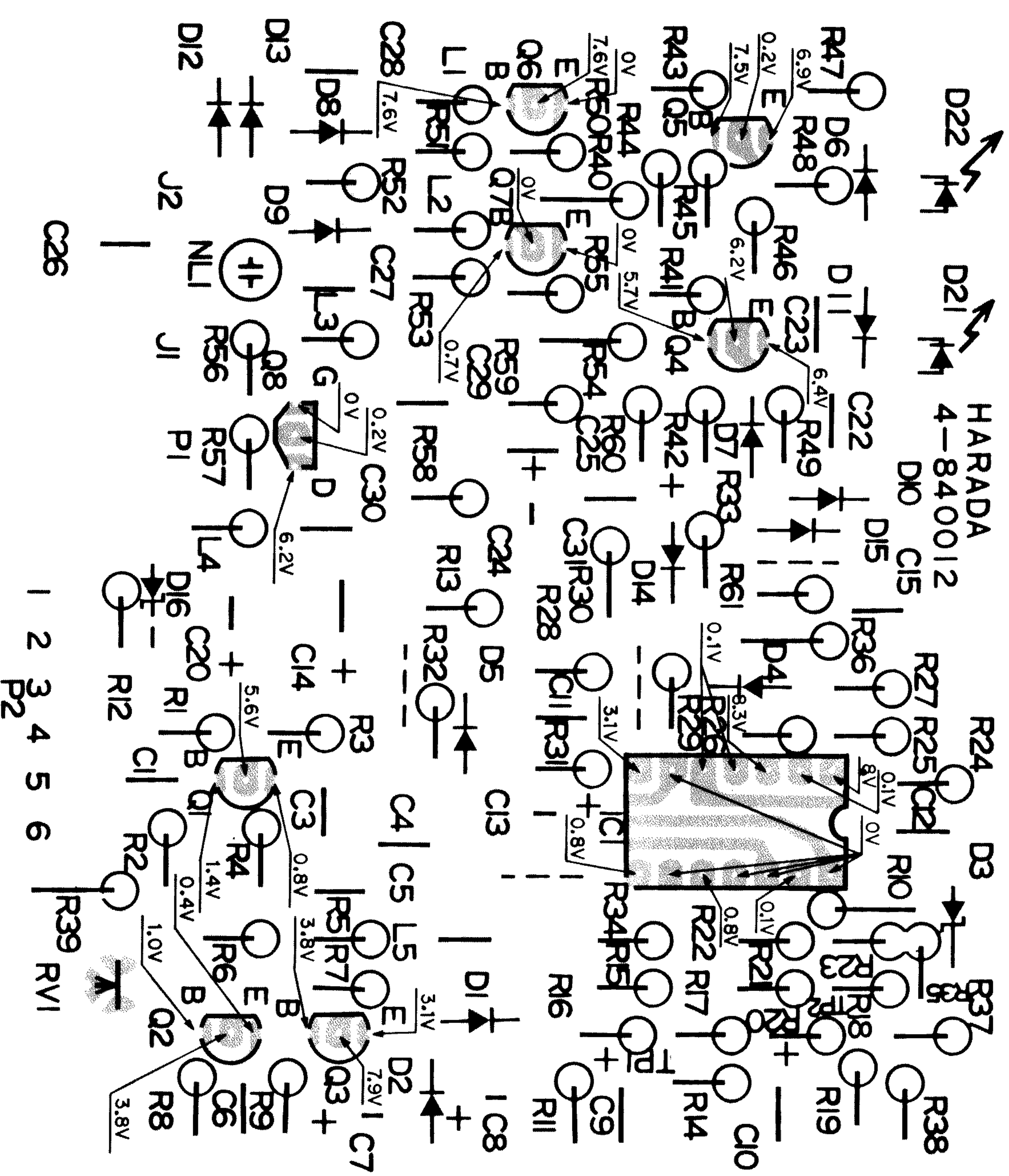


Set up for adjustment

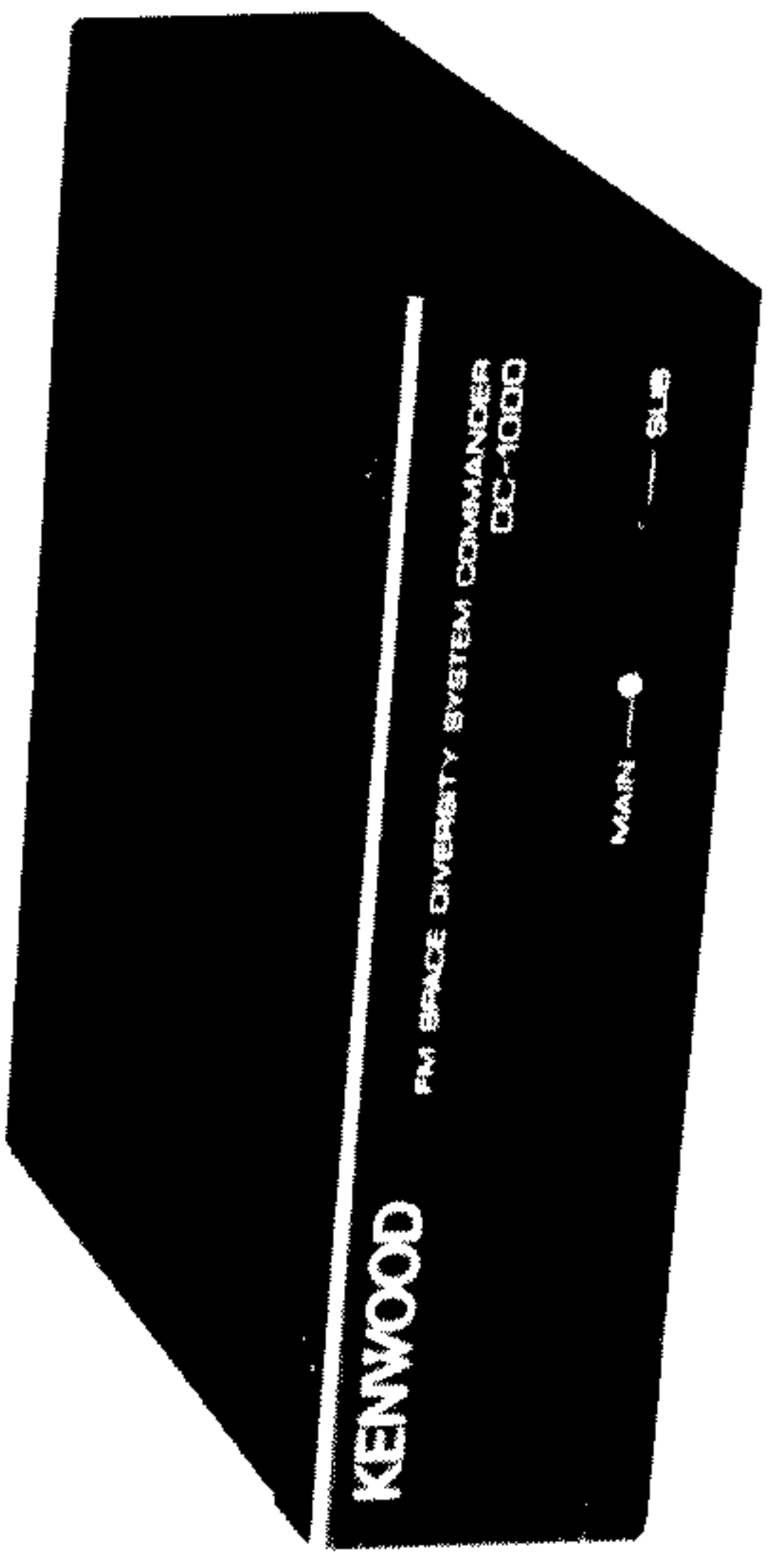


PC BOARD

Component side view (W02-0580-08)

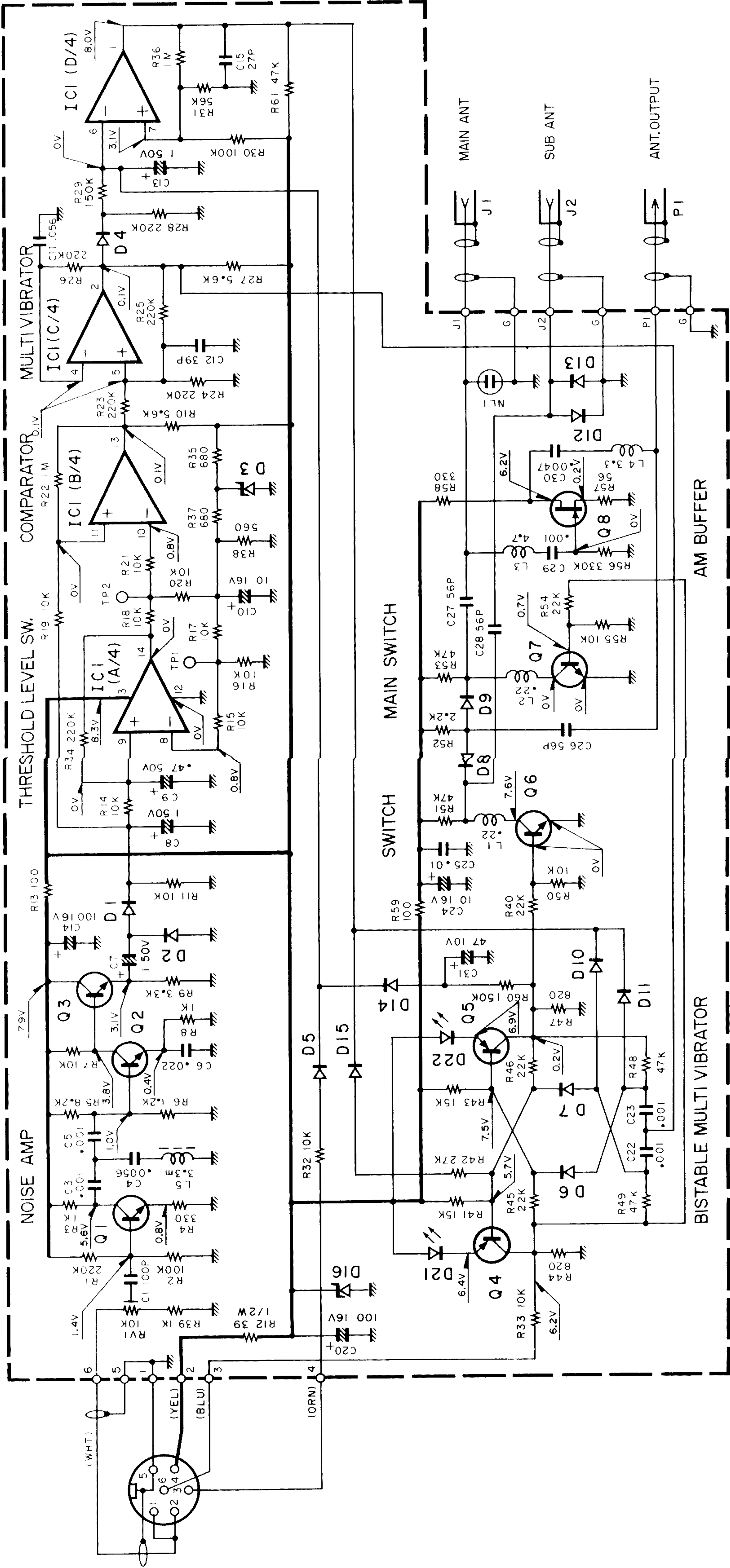


Refer to the schematic diagram for the values of resistors and capacitors. The PC board drawing is viewing from the side easy to check.



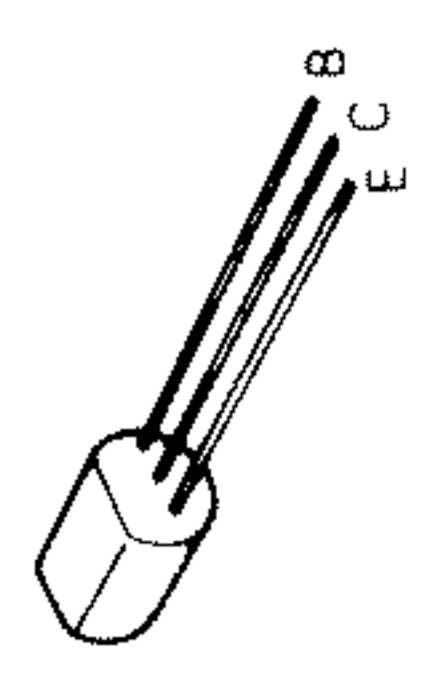
SPECIFICATIONS

FM SECTION	
Frequency range	76.0 ~ 108.0 MHz
Gain	-1.2 dB
AM SECTION	
Frequency range	520 ~ 1,630 kHz
Gain	+1.5 dB
POWER SUPPLY	
Power source	9.5V
Current consumption	30 μ A
Dimension (W x H x D)	100 x 27 x 90 mm
Net weight	0.41 kg



- IC1 : NJM2901
- IC1 ~ 3, 6, 7 : 2SC1815 (Y)
- IC4, 5 : 2SA1015 (Y)
- Q8 : 2SK192A (Y)
- D1, 2, 4 ~ 7, 10 ~ 15 : 1S1555
- D3 : 05Z4.3 (Y)
- D8, 9 : ISS238 or ISS155
- D16 : 1Z11
- D21 : TLG226
- D22 : TLY226

DC voltages are as measured with a high impedance voltmeter during reception of the FM broadcast signal with a signal strength of 60 dB at the ANT terminal. Values may vary slightly due to variations between individual instruments or/and units. Values in parentheses are as measured during reception of the AM broadcast signal (with a signal strength of 60 dB at the ANT terminal).

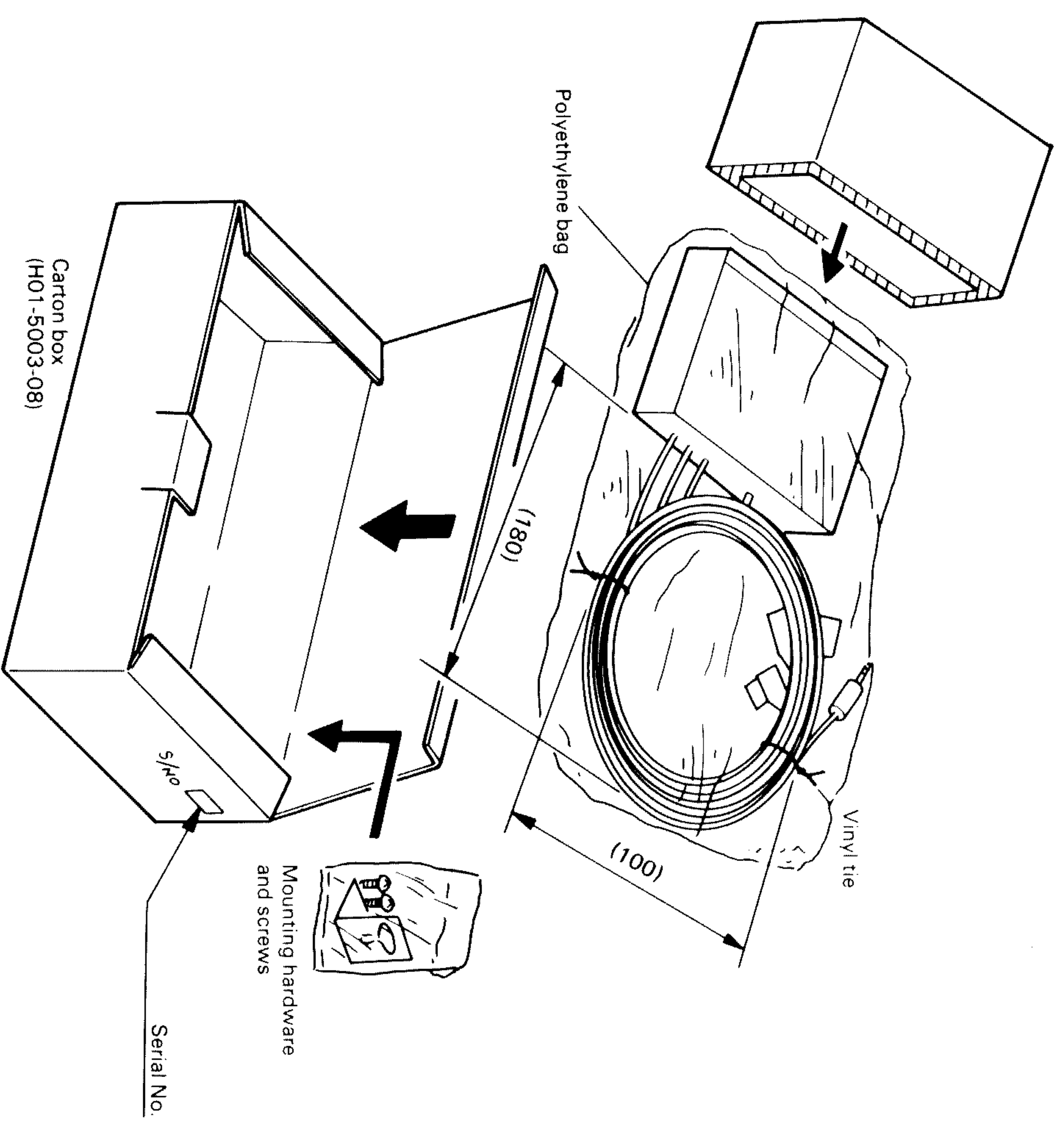


PARTS LIST

DC-1000 DC-1000

* New Parts
Parts without Parts No. are not supplied.
Les articles non mentionnés dans le Parts No. ne sont pas fournis.
Teile ohne Parts No. werden nicht geliefert.

Ref. No. 参照番号	Address 位置	New 新	Parts No. 部品番号	Description 部品名 / 规格	Desti- nation 向	Re- marks 備考
DC-1000						
1	1A	*	A01-1313-08	CASE		
2	2A	*	A20-3880-08	FRONT PANEL		
3	3A	*	B40-3340-08	MODEL NAME PLATE		
4	3B	*	B42-0473-24	NAME PLATE		
		*	B50-5077-00	INSTRUCTION MANUAL		
5	1B	*	E30-0881-08	OUTPUT FEEDER ASSY		
6	1B	*	E30-0880-08	INPUT FEEDER ASSY		
7	2B	*	E30-0864-05	DIN CORD ASSY		
		*	H01-5003-08	CARTON BOX		
8	1A, 2B	*	J21-3406-08	MOUNTING HARDWARE		
9	2B	*	J11-0063-08	CORD CRAMPER		
10	1A, 2B	*	N09-1341-08	HEX. BOLT (M4X8)		
11	1A, 2B	*	N09-1342-08	TAPPING SCREW (MAX12)		
PC BOARD						
D21			B30-1026-08	LED TL6226		
D22			B30-1027-08	LED TLY226		
NL1		*	B30-1028-08	LAMP (NE2B8H)		
C1			CC45SL1H101J	CERAMIC		J
C3			CK45B1H102K	CERAMIC		K
C4			CC092M1H562K	MYLAR		K
C5			CK45B1H102K	CERAMIC		K
C6			CC092M1H223K	MYLAR		K
C7	.8		CE04W1H010M	ELECTR0		50WV
C9			CE04W1HR47M	ELECTR0		50WV
C10			CE04W1C100M	ELECTR0		16WV
C11			CC092M1H563K	MYLAR		K
C12			CC45SL1H390J	CERAMIC		J
C13			CE04W1H010M	ELECTR0		50WV
C14			CE04W1C101M	ELECTR0		16WV
C15			CC45SL1H270J	CERAMIC		J
C20			CE04W1C101M	ELECTR0		16WV
C22	.23		CK45B1H102K	CERAMIC		K
C24			CE04W1C100M	ELECTR0		16WV
C25			CK45F1H103Z	CERAMIC		Z
C26	-28		CC45SL1H560J	CERAMIC		J
C29			CK45B1H102K	CERAMIC		K
C30			CK45B1H472K	CERAMIC		K
C31			CE04W1A470M	ELECTR0		10WV
L1	.2		L31-0503-08	INDUCT0R		0.14UH
L3			L40-4701-14	INDUCT0R		4.7UH
L4			L40-3301-14	INDUCT0R		3.3UH
L5			L40-3325-04	INDUCT0R		3.3MH
RV1			R12-3088-08	TRIMMING P0T.		10K (SENS)
D1	.2		1S1555	DI0DE		
D3	-7		0.5Z4.3(Y)	ZENER DI0DE		
D4	-7		1S1555	DI0DE		
D8	.9	*	1S3155	DI0DE		
D8	.9	*	1S5238	DI0DE		
D10	-15		1S1555	DI0DE		
D16			1Z11	ZENER DI0DE		
IC1		*	NUM2901	IC		
Q1	-3		2SC1815(Y)	TRANSIST0R (N0ISE AMP)		
Q4	.5		2SA1015(Y)	TRANSIST0R (MULTIVIBRATOR)		
Q6	.7		2SC1815(Y)	TRANSIST0R (SWITCH)		
Q8			2SK192A(Y)	FET (AM BUFFER)		



PACKING

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