RADIO-TECHNISCHE WERKSTÄTTEN GmbH&Co. KG

Hinweis

WARNUNG!



Das Öffnen des Gerätes birgt eine potenziell gefährliche Situation, denn es kann eine gefährliche Spannung mit dem Risiko eines elektrischen Schlags anliegen!

WEEE-Reg.-Nr.: **DE 90666819**

Kategorie: 9

Geräteart: Diese Geräte erfüllen als
ÜBERWACHUNGS- UND KONTROLLINSTRUMENTE
in der Kategorie 9, Anhang 1B,
die Vorschriften des Elektro- und Elektronikgesetzes
vom 16. März 2005 und der RoHS-Directive 2002/95/EC.

Note

WARNING!

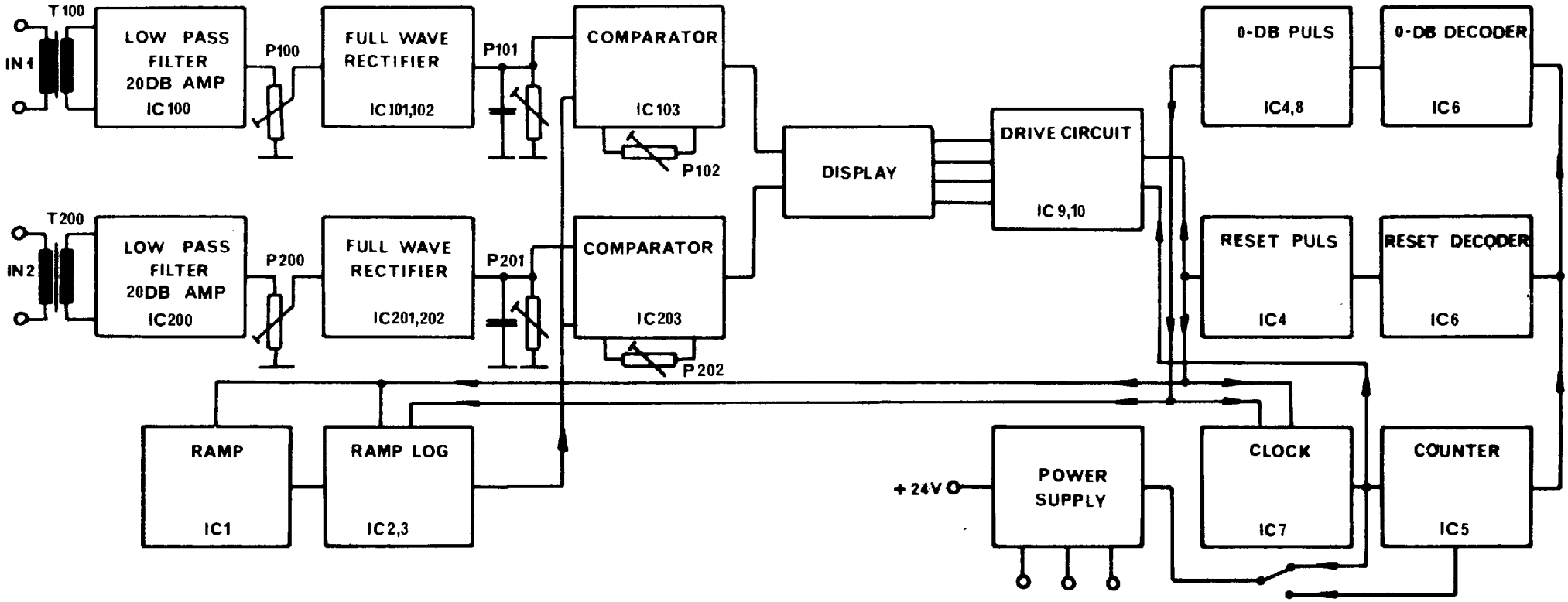


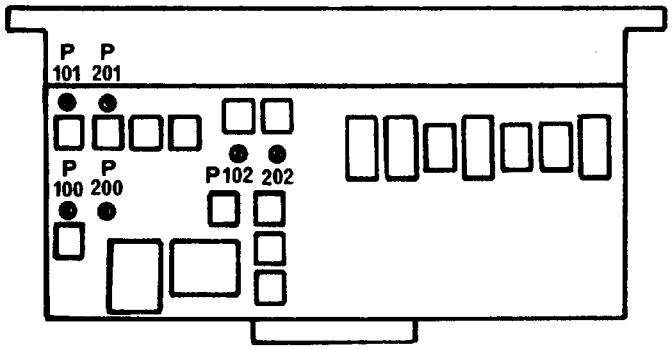
Opening the unit bears a potentially hazardous condition. A dangerous voltage that could pose a risk of electrical shock can be present!

WEEE-Reg.-No.: **DE 90666819**

Category: 9

Device type: These instruments comply with
and fall under category 9
MONITORING AND CONTROL EQUIPMENT
of Annex 1B of the RoHS-Directive 2002/95/EC.





CONNECTOR : 2700 000

INPUT 1	: pin 22 - 23
INPUT 2	: pin 13 - 14
CASE	: pin 1 - 12
GROUND	: pin 6
POS. VOLTAGE	: pin 7
NEG. VOLTAGE	: pin 8 (optional)
EXT. 20dB	: pin 19

Adjustments

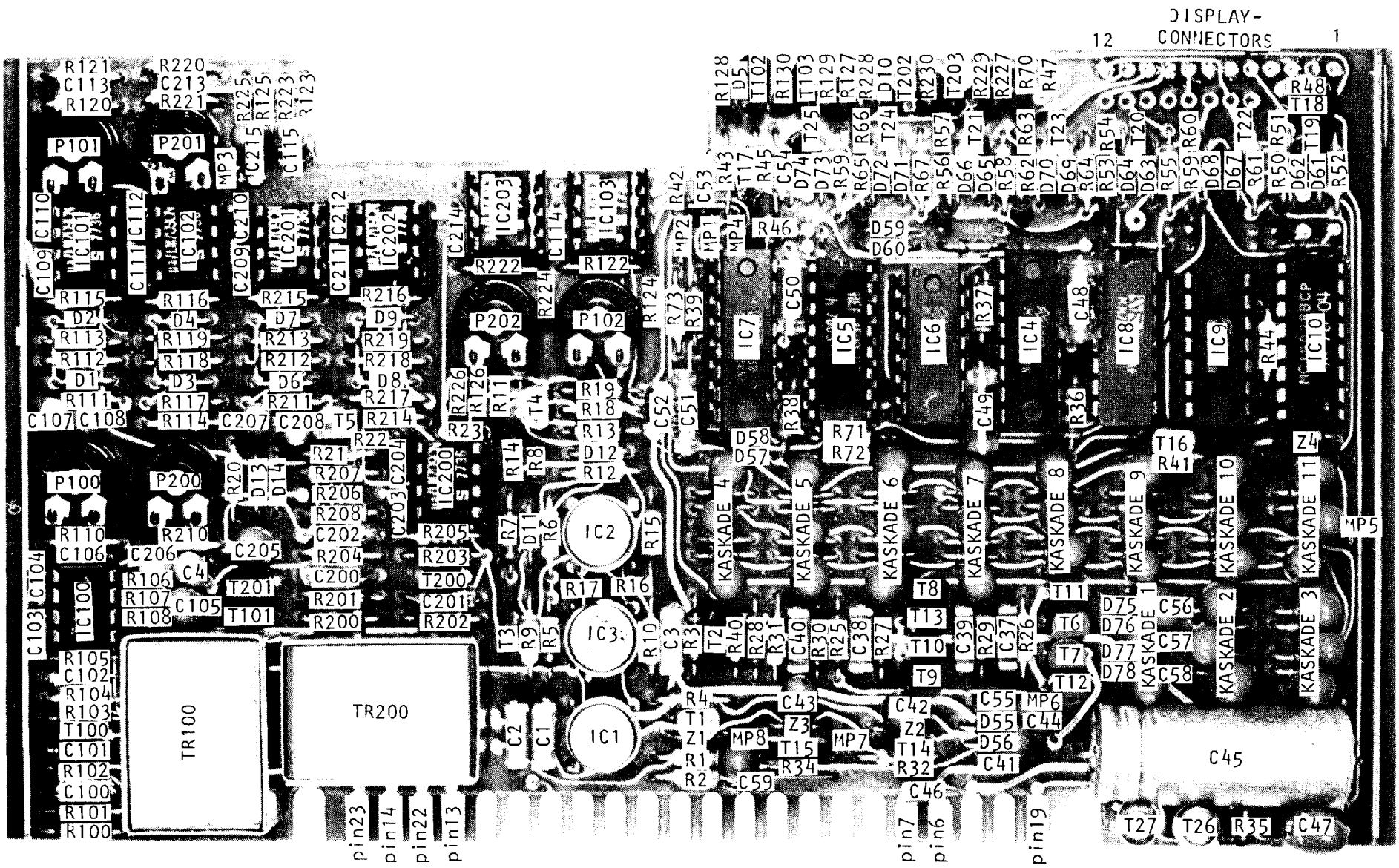
Zero point:	Without any input level (inputs shorted) adjust potentiometers P 1o2 and P 2o2 for reading three segments on the bargraph
0 dB (1oo %):	At an input level 1.55 V/1 kHz adjust potentiometers P 1oo and P 2oo for reading 0 dB on the bargraph
Fall Back Time:	Adjust the potentiometers P 1o1 and P 2o1 to obtain a fall back time (0 dB to -2o dB) of 1.5 sec.

BLOCKDIAGRAM

RTW

PEAKMETER

1208,1209,1212,1213

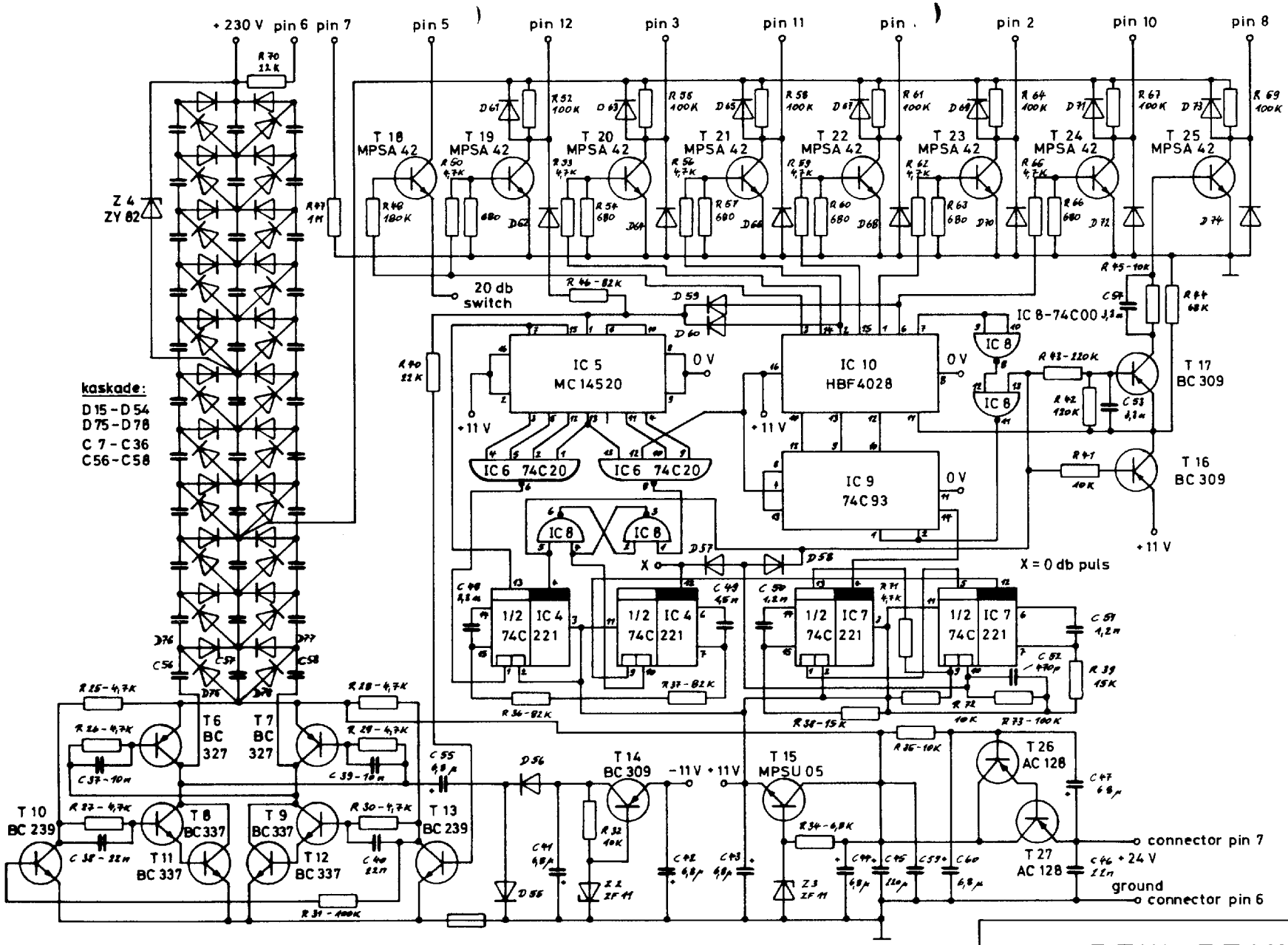


RTW PEAKMETER

1208 - 1209

SER.NR. 001 -

30.11.1978



note:

D 15 - D 60, D 75 - D 78 = 1N 4148
D 61 - D 74 = BAY 19
C 7 - C 36, C 56 - C 58 = 6,8 µ
pin 1 - pin 12 = display connector

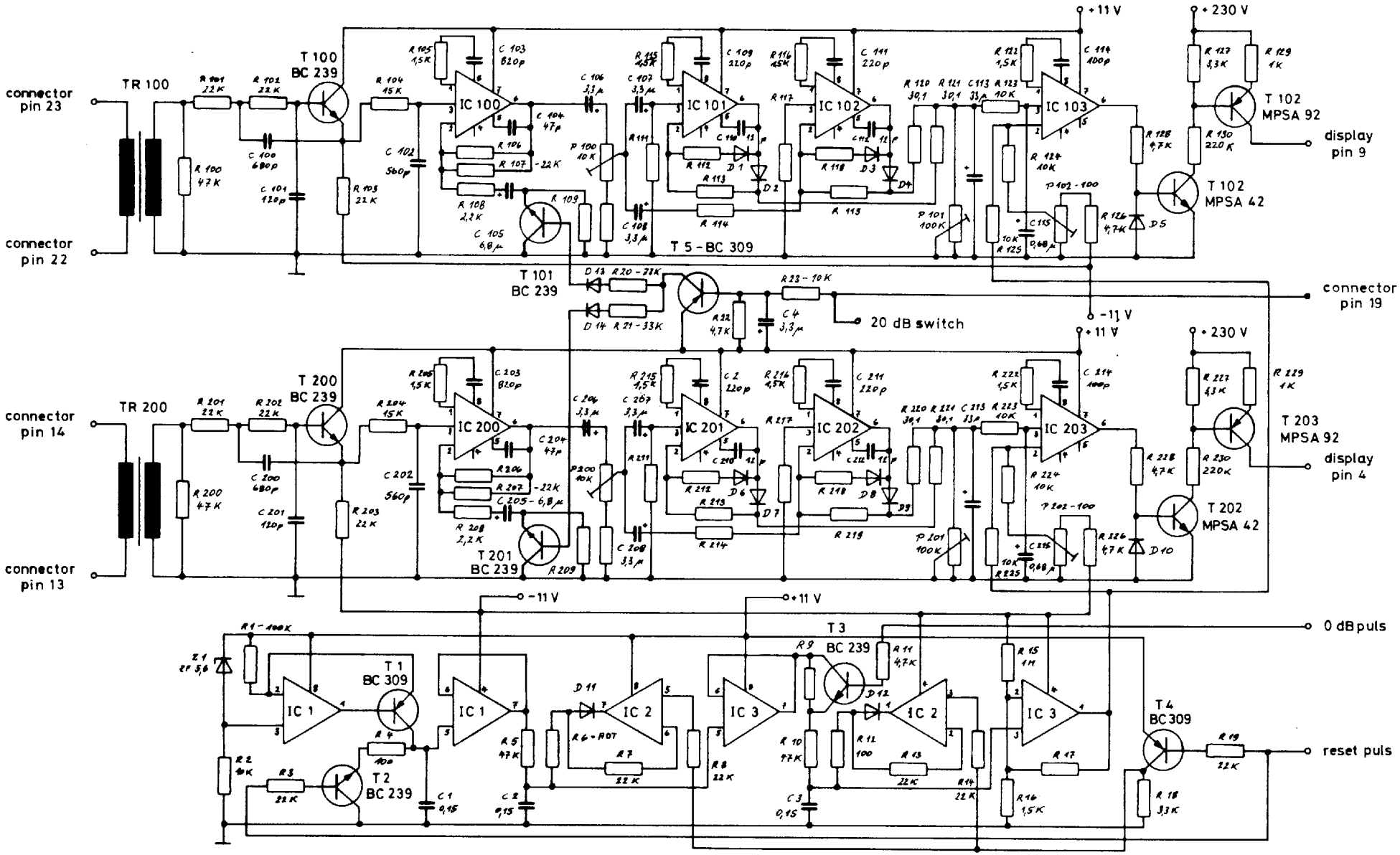
RTW PEAKMETER

POWER SUPPLY, LOGIC

1208, 1209

SER. NR.: 001-

07.12.1978



note:

IC 100 - IC 103 = 709
IC 200 - IC 203 = 709
IC 1 - IC 3 = 1458
D 1 - D 14 = 1N4148
R 111 - R 119, R 211 - R 219 = 47 K 1%
R 9, R 106, R 206 = Adjust on Test

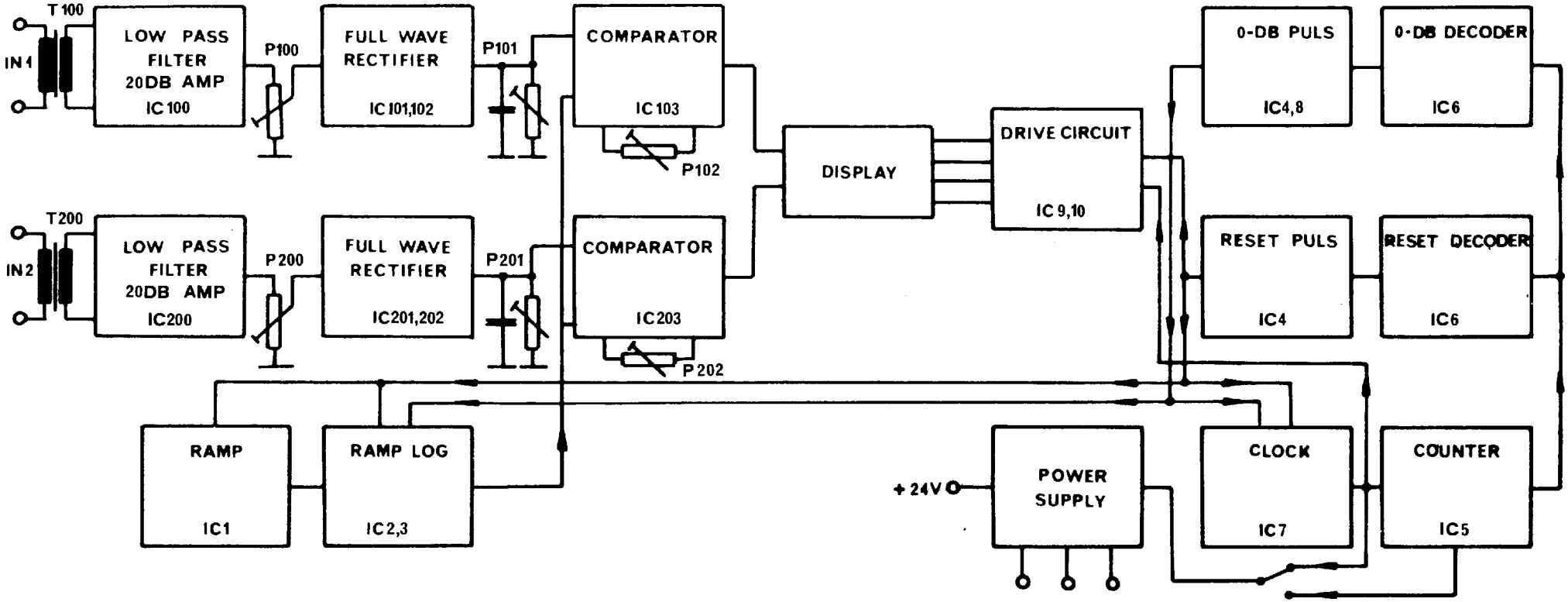
RTW PEAKMETER

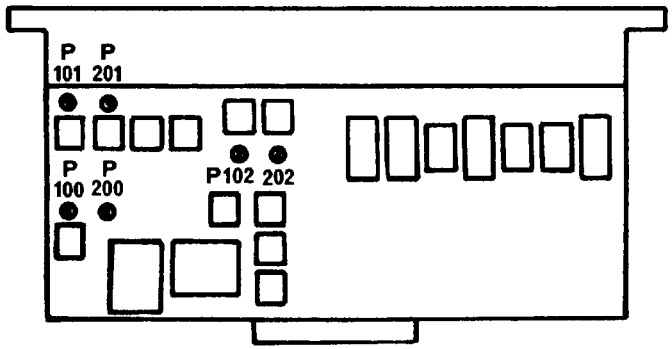
FILTER, RECTIFIER, COMPARATOR

PULSFORMER 1208, 1209, 1212, 1213

SER. NR. 001 -

20.12.1978





CONNECTOR: 2700 000

INPUT 1	: pin 22 - 23
INPUT 2	: pin 13 - 14
CASE	: pin 1 - 12
GROUND	: pin 6
POS. VOLTAGE	: pin 7
NEG. VOLTAGE	: pin 8 (optional)
EXT. 20dB	: pin 19

Adjustments

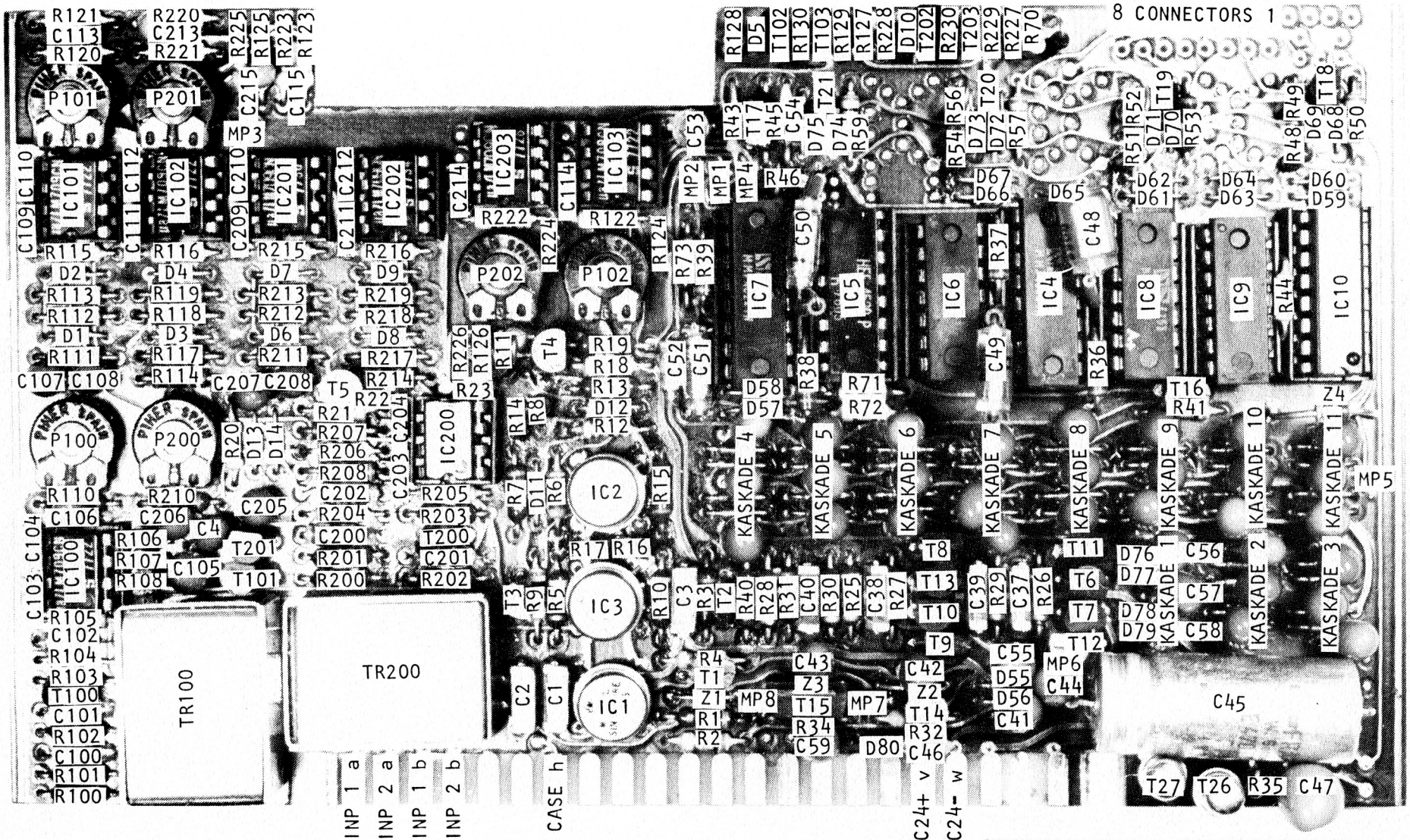
Zero point:	Without any input level (inputs shorted) adjust potentiometers P 1o2 and P 2o2 for reading three segments on the bargraph
0 dB (1oo %):	At an input level 1.55 V/1 kHz adjust potentiometers P 1oo and P 2oo for reading 0 dB on the bargraph
Fall Back Time:	Adjust the potentiometers P 1o1 and P 2o1 to obtain a fall back time (0 dB to -2o dB) of 1.5 sec.

BLOCKDIAGRAM

RTW

PEAKMETER

1208,1209,1212,1213

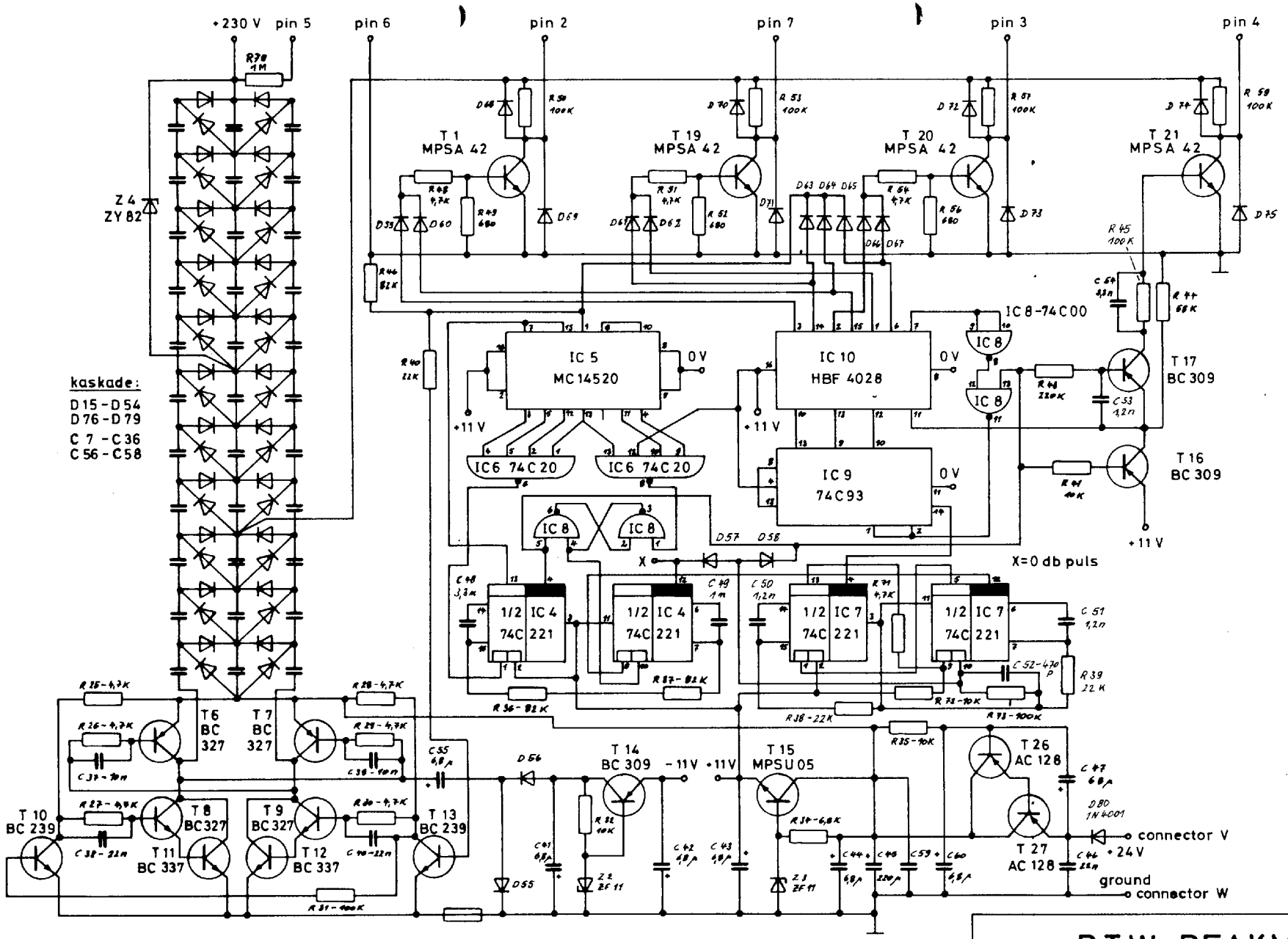


RTW PEAKMETER

1204, 1212, 1213

SER. NR. 001-

30.11.1978



Note:

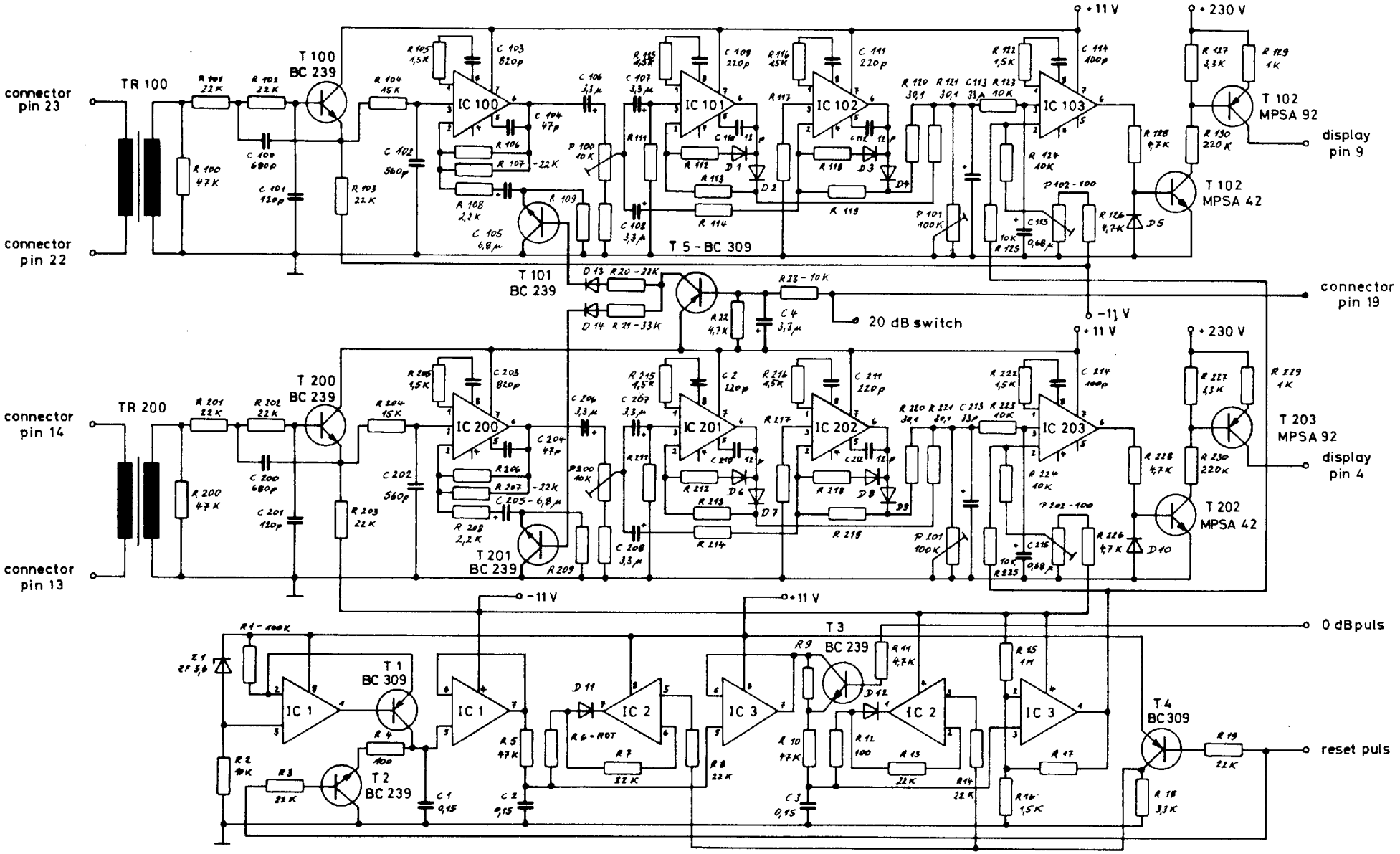
D15-D67, D76-D79 = 1N4148
D68-D75 = BAY 19
C7-C36, C56-C58 = 6,8 µ
pin 1 - pin 8 = display connector

RTW PEAKMETER

POWER SUPPLY, LOGIC

1212, 1213, 1216, 1217

SER. NR.:	1212, 1213: 001 -	10.12.1978
	1216, 1217: 500 -	



note:
IC 100 - IC 103 = 709
IC 200 - IC 203 = 709
IC 1 - IC 3 = 1458
D 1 - D 14 = 1N4148
R 111 - R 119, R 211 - R 219 = 47 K 1%
R 9, R 106, R 206 = Adjust on Test

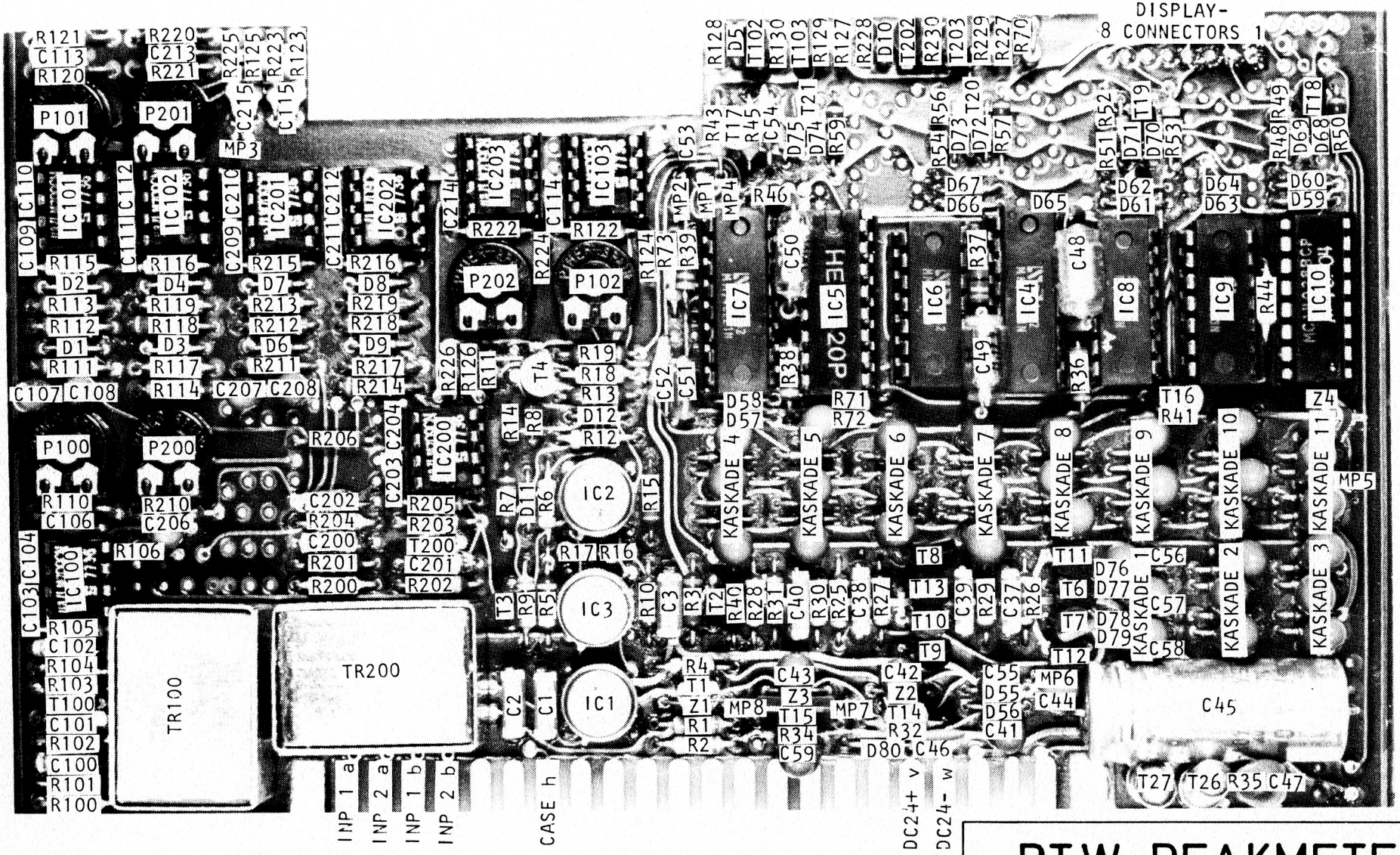
RTW PEAKMETER

FILTER, RECTIFIER, COMPARATOR

PULSFORMER 1208, 1209, 1212, 1213

SER. NR. 001 -

20.12.1978

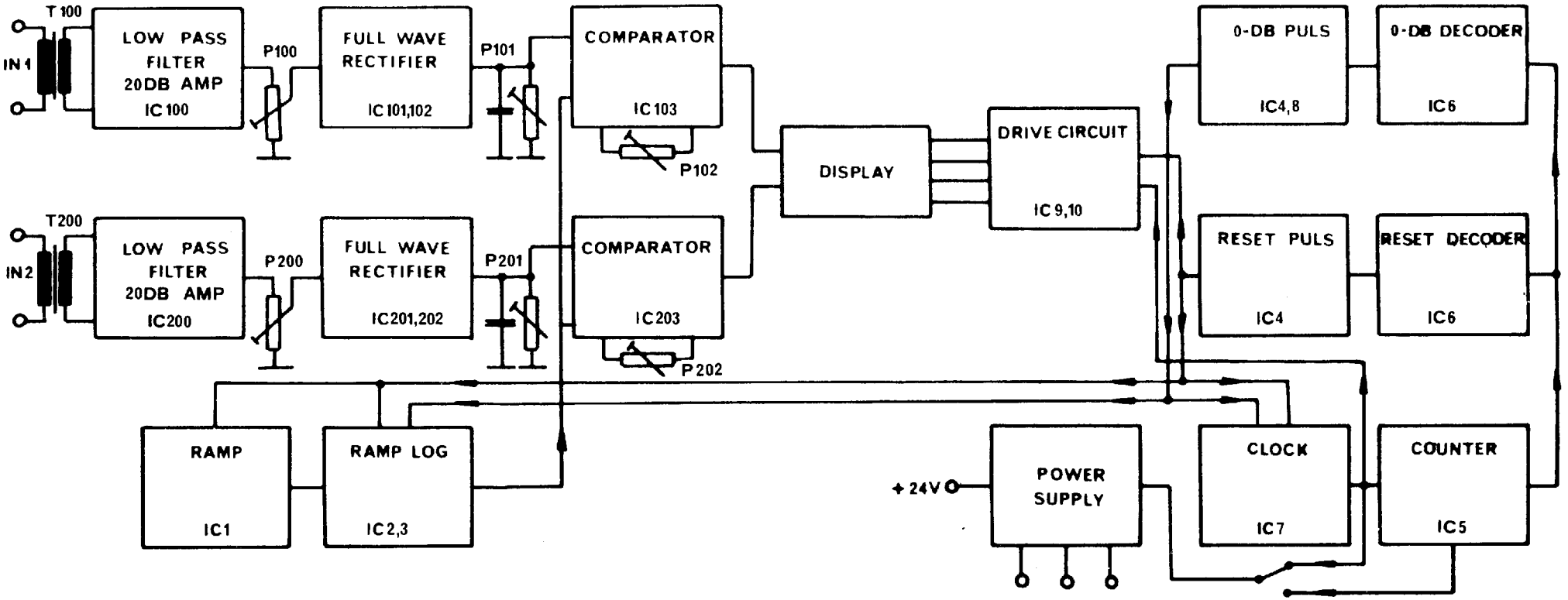


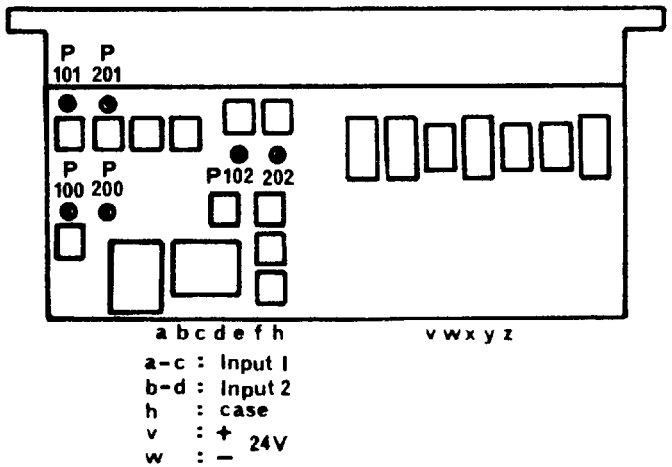
RTW PEAKMETER

1214 - 1217

SER. NR. 500 -

30.11.1978





Adjustments

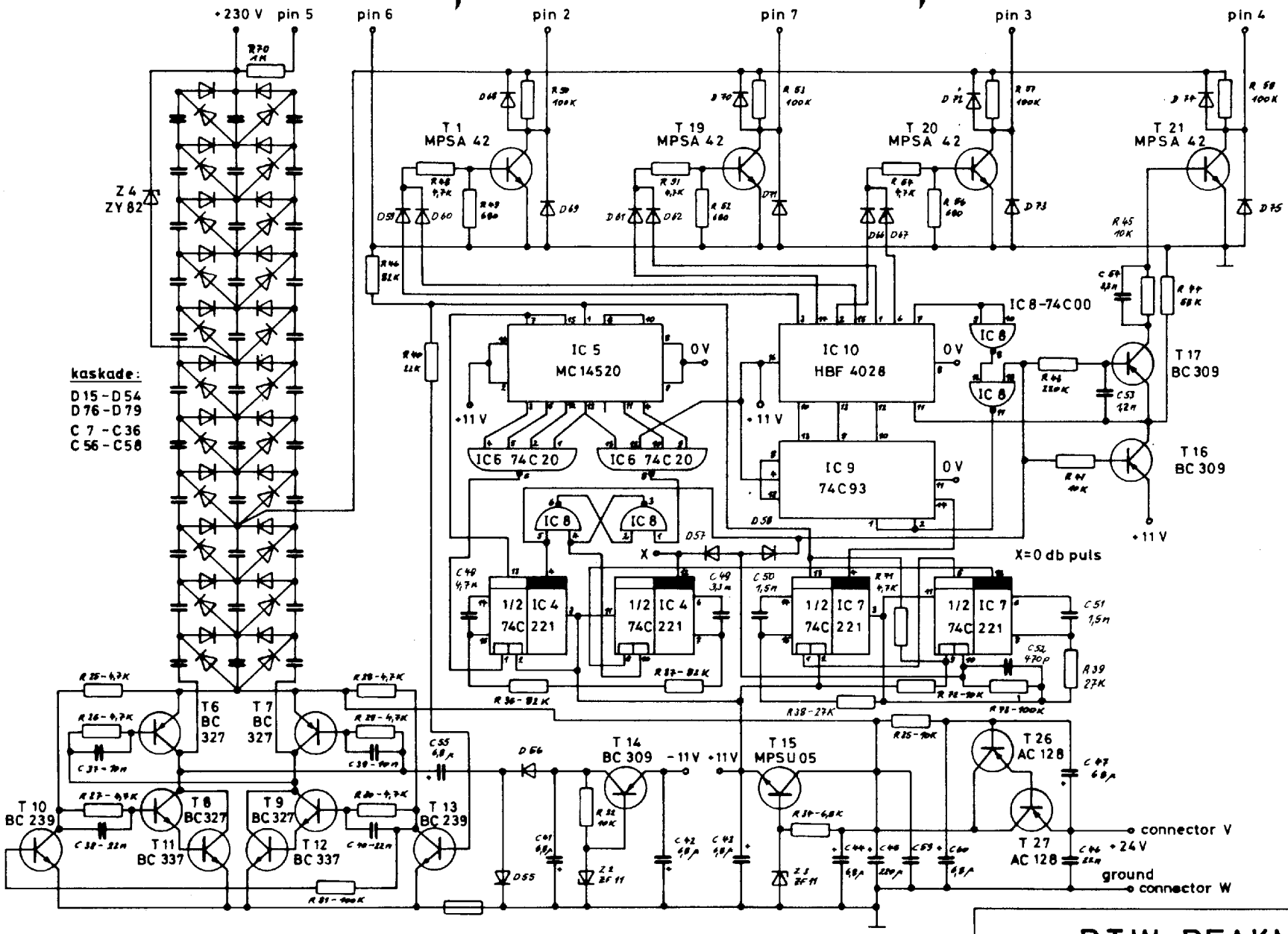
Zero point:	Without any input level (inputs shorted) adjust potentiometers P 1o2 and P 2o2 for reading three segments on the bargraph
0 dB (1oo %):	At an input level 1.55 V/1 kHz adjust potentiometers P 1oo and P 2oo for reading 0 dB on the bargraph
Fall Back Time:	Adjust the potentiometers P 1o1 and P 2o1 to obtain a fall back time (0 dB to -2o dB) of 1.5 sec.

BLOCKDIAGRAM

RTW

PEAKMETER

1.214,1.215
1.216,1.217



Note:

D 15-D 67, D 76-D 79 = 1 N4148
D 68-D 75 = BAY 19
C 7 - C 36, C 56 - C 58 = 6,8 µ
pin 1 - pin 8 = display connector

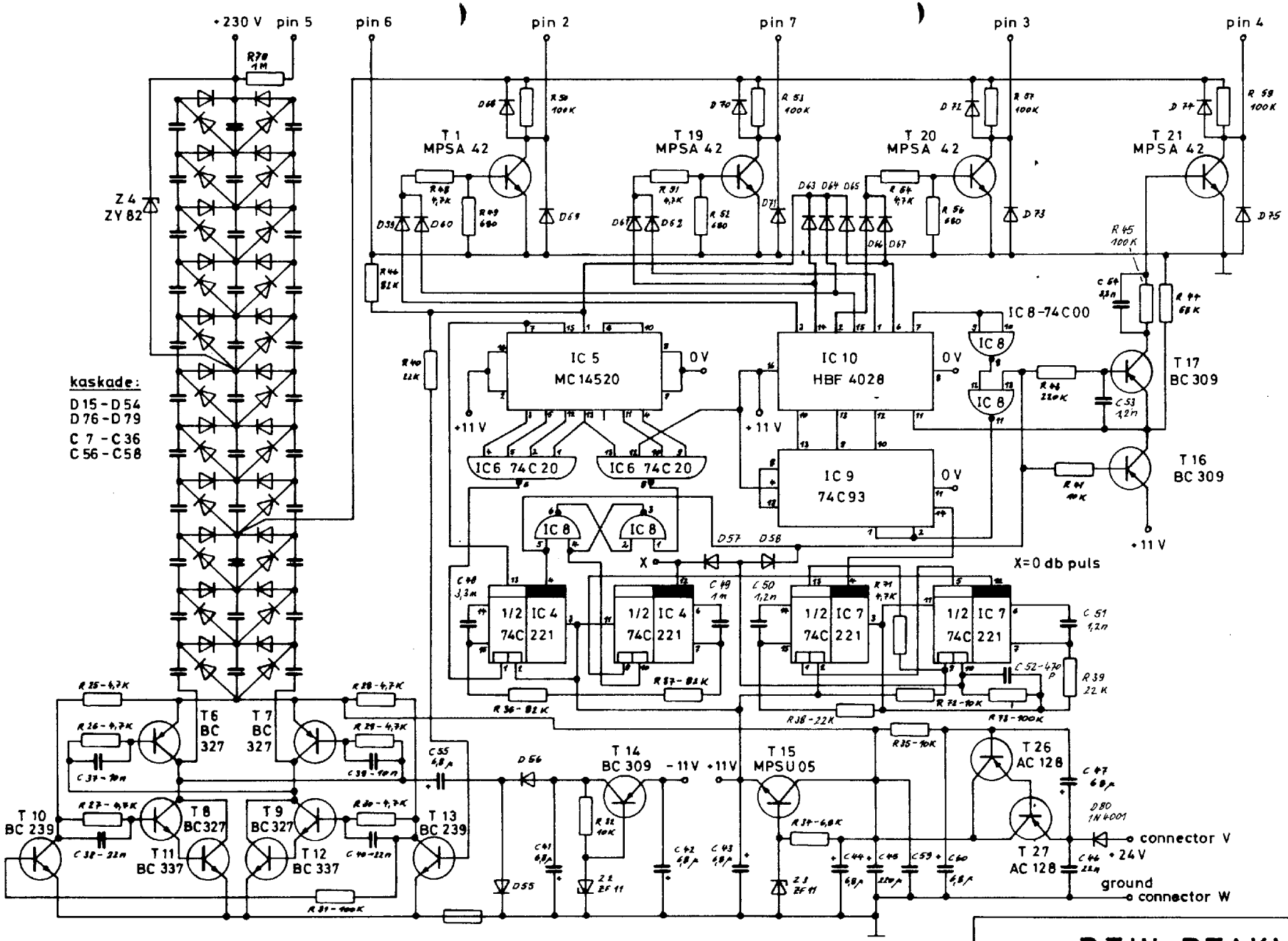
RTW PEAKMETER

POWER SUPPLY, LOGIC

1214, 1215

SER. NR.: 500-

10.12.1978



Note:

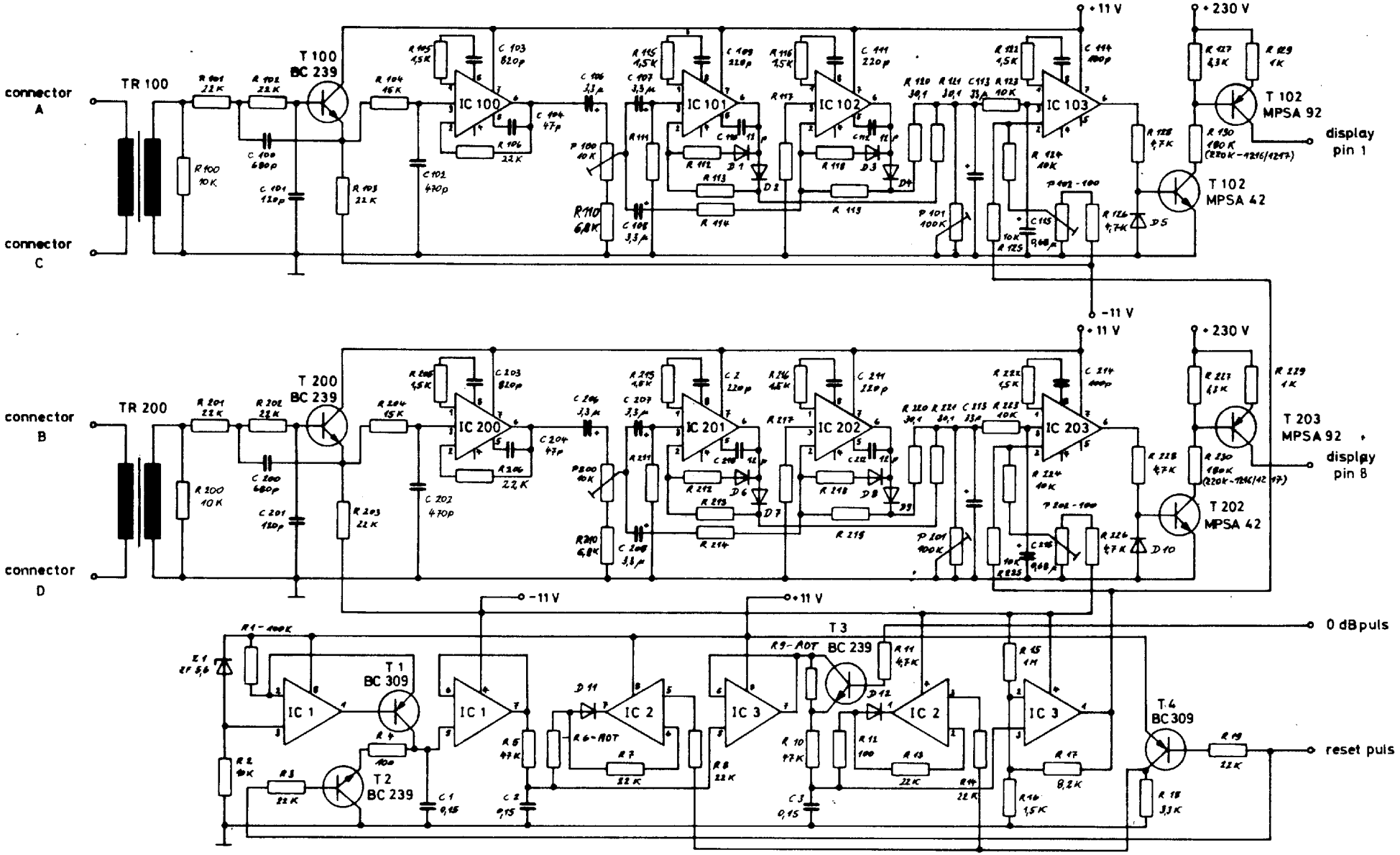
D 15-D 67, D 76-D 79 = 1N4148
D 68-D 75 = BAY 19
C 7-C 36, C 56-C 58 = 6,8 µ
pin 1 - pin 8 = display connector

RTW PEAKMETER

POWER SUPPLY, LOGIC

1212, 1213, 1216, 1217

SER. NR.:	1212, 1213: 001 -	10.12.1978
	1216, 1217: 500 -	



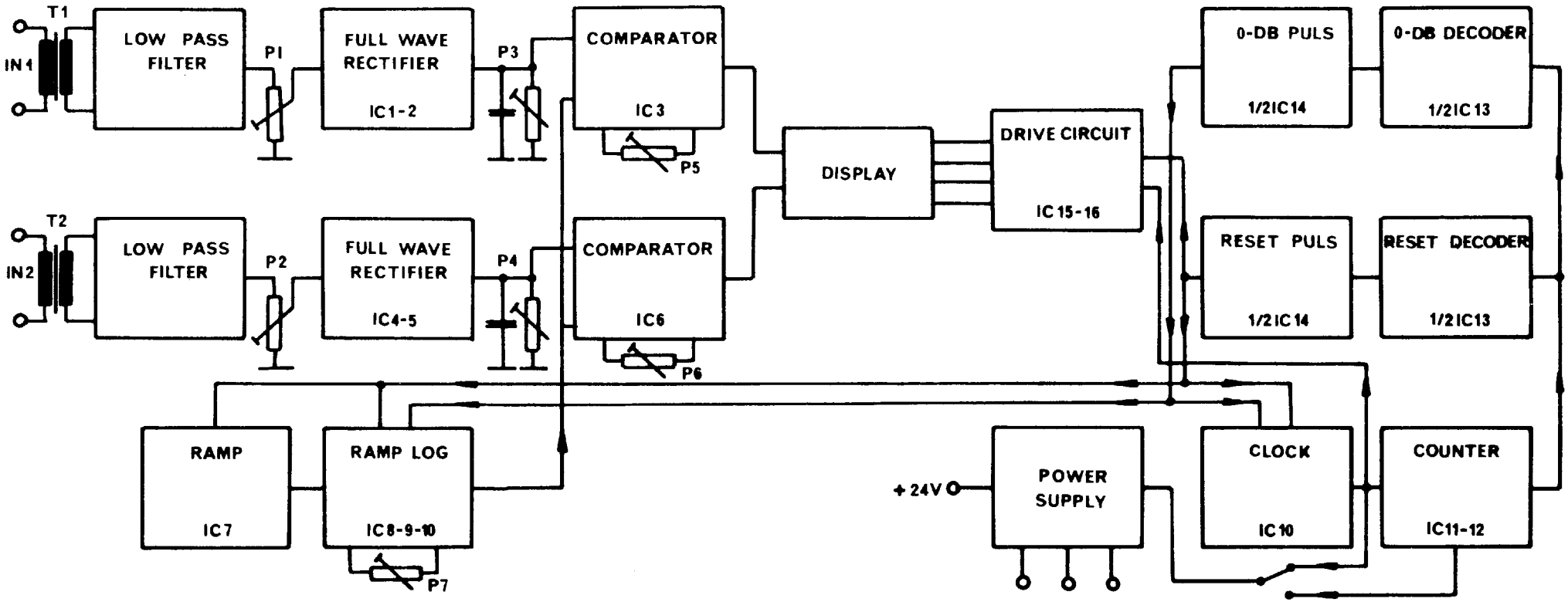
note:
IC 100 - IC 103 = 709
IC 200 - IC 203 = 709
IC 1 - IC 3 = 1458
D 1 - D 14 = 1N4148
R 111 - R 119, R 211 - R 219 = 47 K 1%

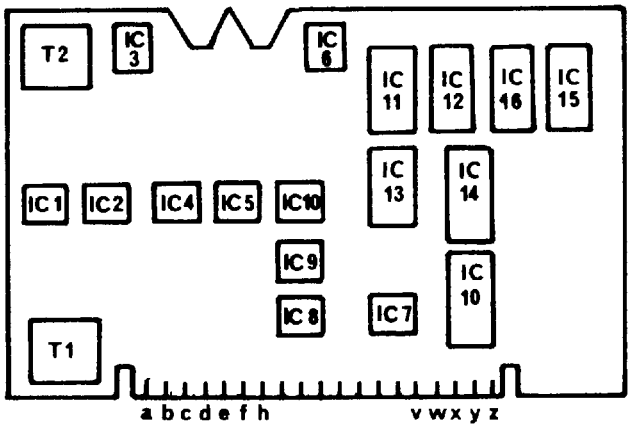
RTW PEAKMETER

FILTER, RECTIFIER, COMPARATOR
PULSFORMER 1214, 1215, 1216, 1217

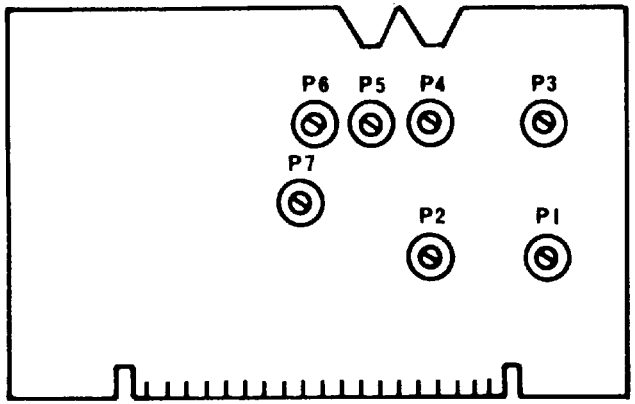
SER. NR. 500 -

20.12.1978





a-c : Input 1
b-d : Input 2
h : case
v : + 24V
w : −

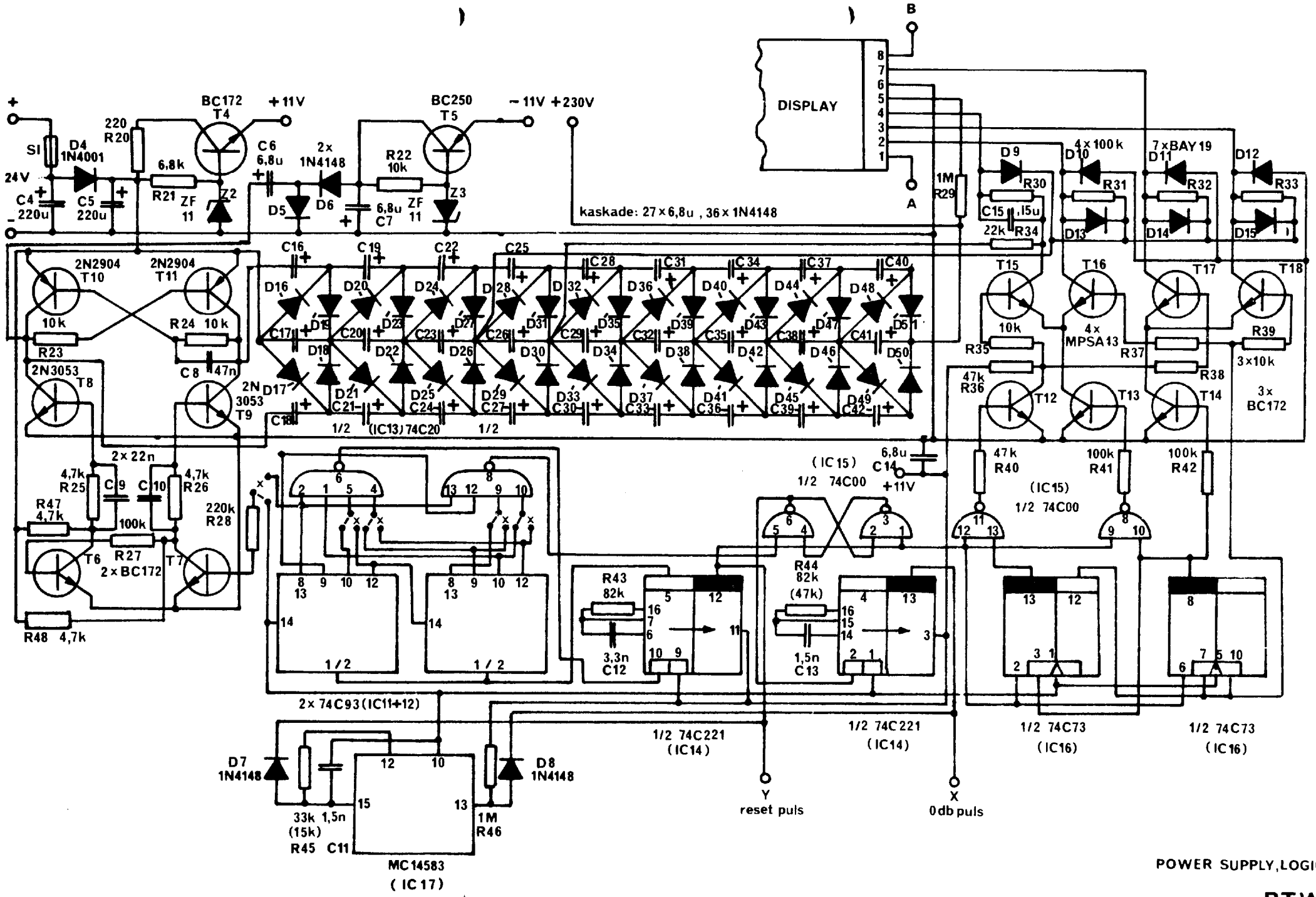


P1-P2 : 0DB at 1.55V/1KHz input level
P3-P4 : Return time 1.5sec (0DB - -20DB)
P5-P6 : Zero adjustment
P7 : +5DB at 2.75V/1KHz input level

BLOCKDIAGRAM

RTW

PEAKMETER

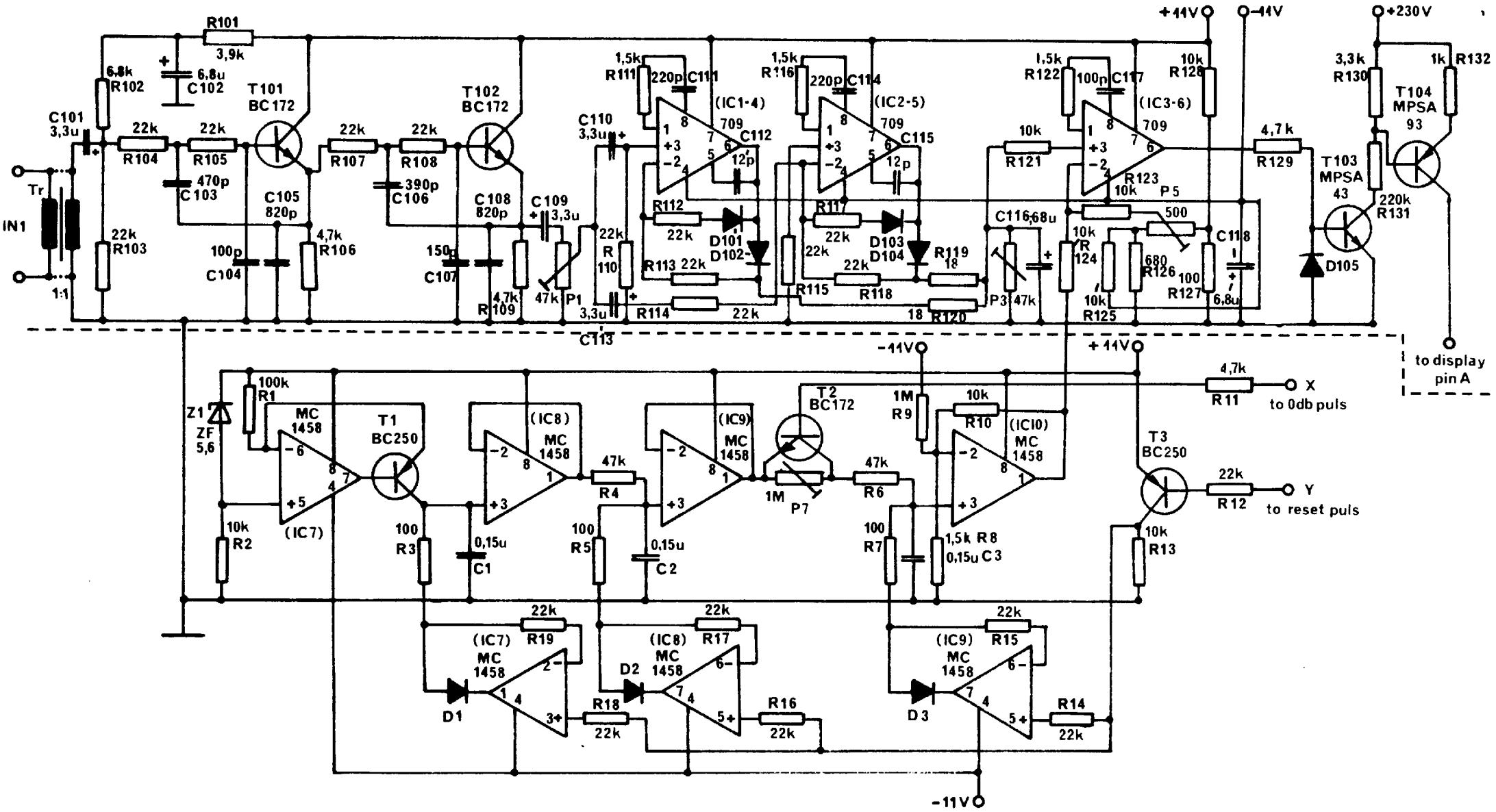


POWER SUPPLY,LOGIC

RTW

1.214,1.215
1.216,1.217

PEAKMETER



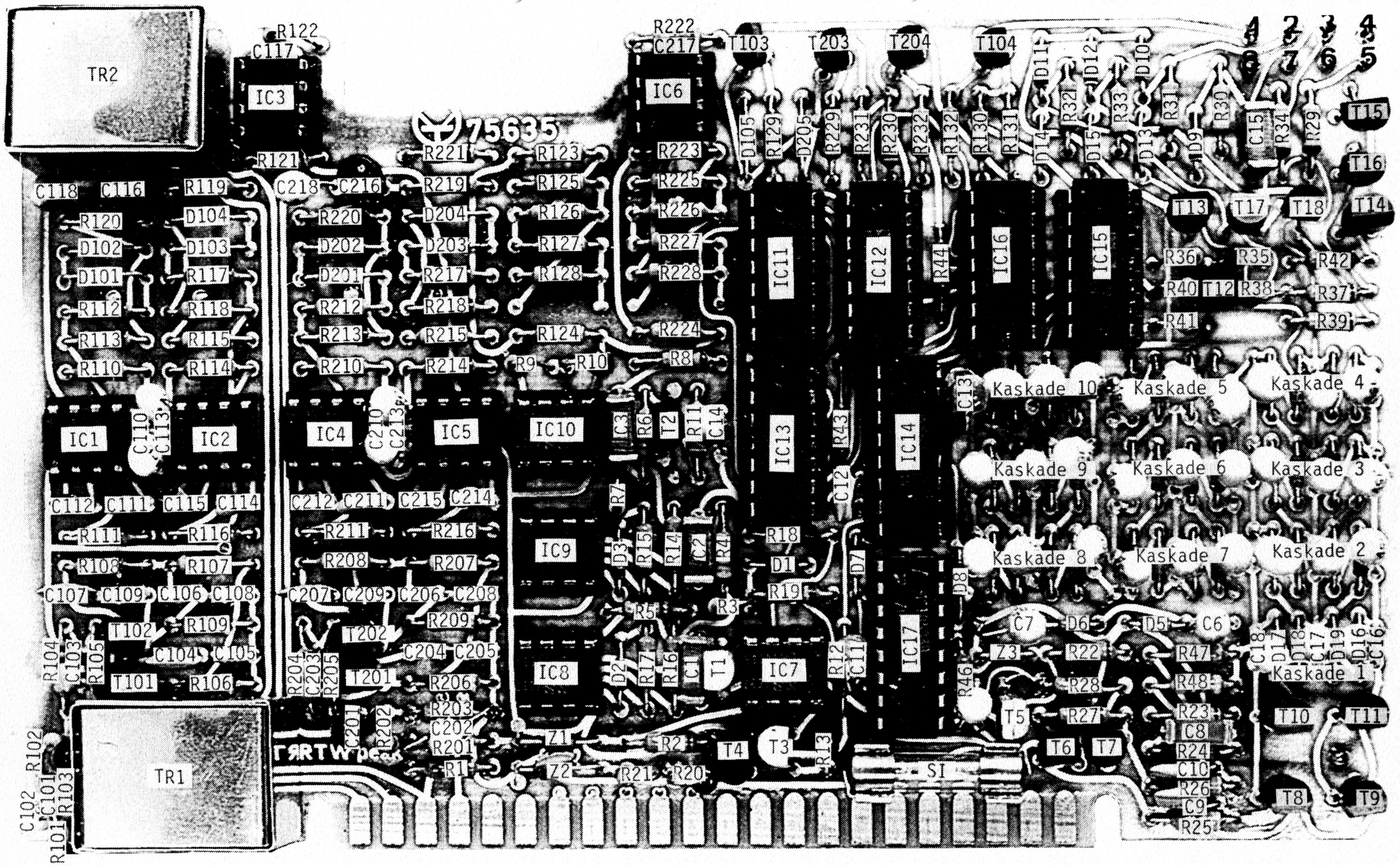
all diodes : 1N4448

FILTER, RECTIFIER, COMPARATOR
(ONLY ONE CHANNEL)
PULS FORMER

RTW

1.214, 1.215
1.216, 1.217

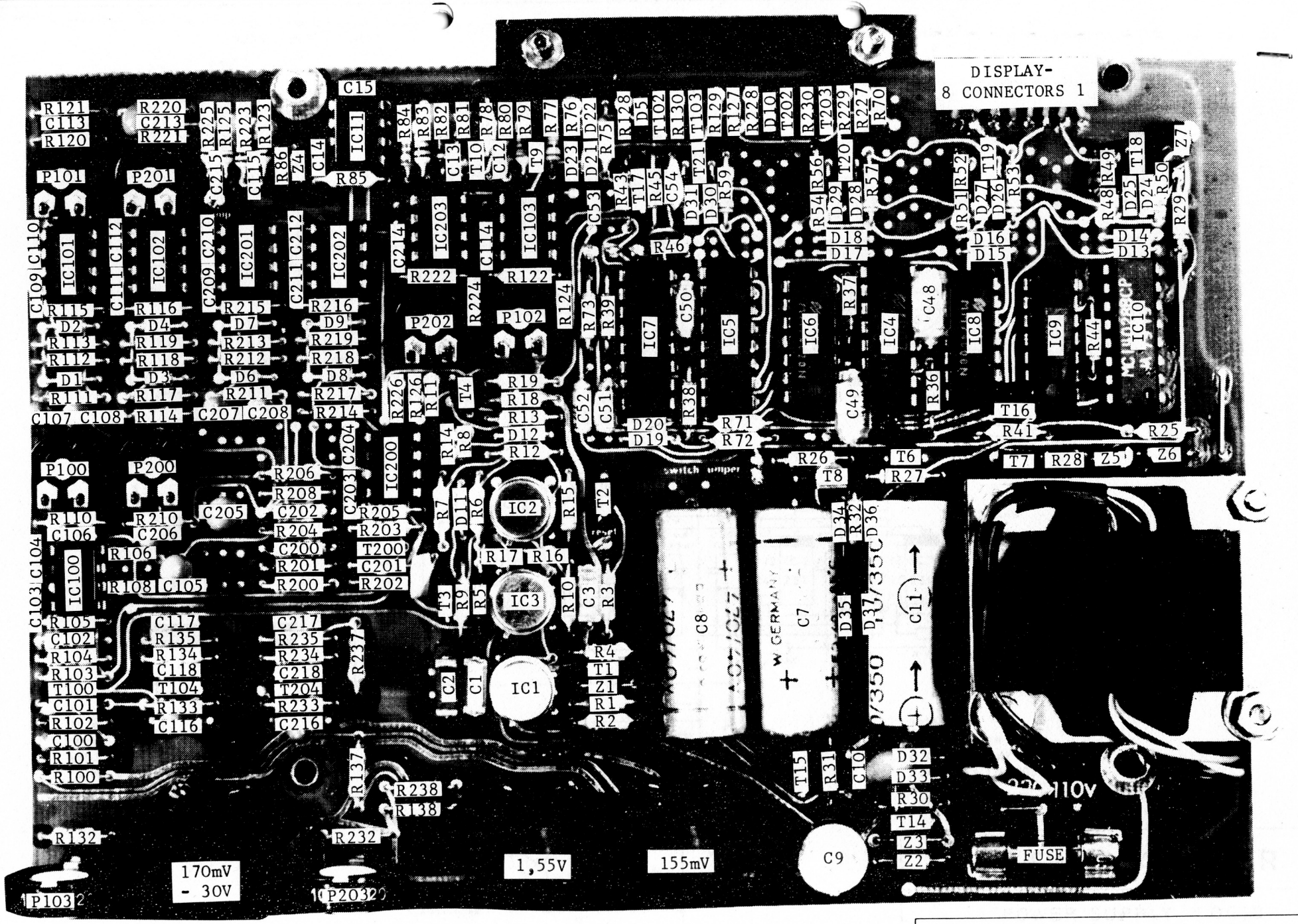
PEAKMETER



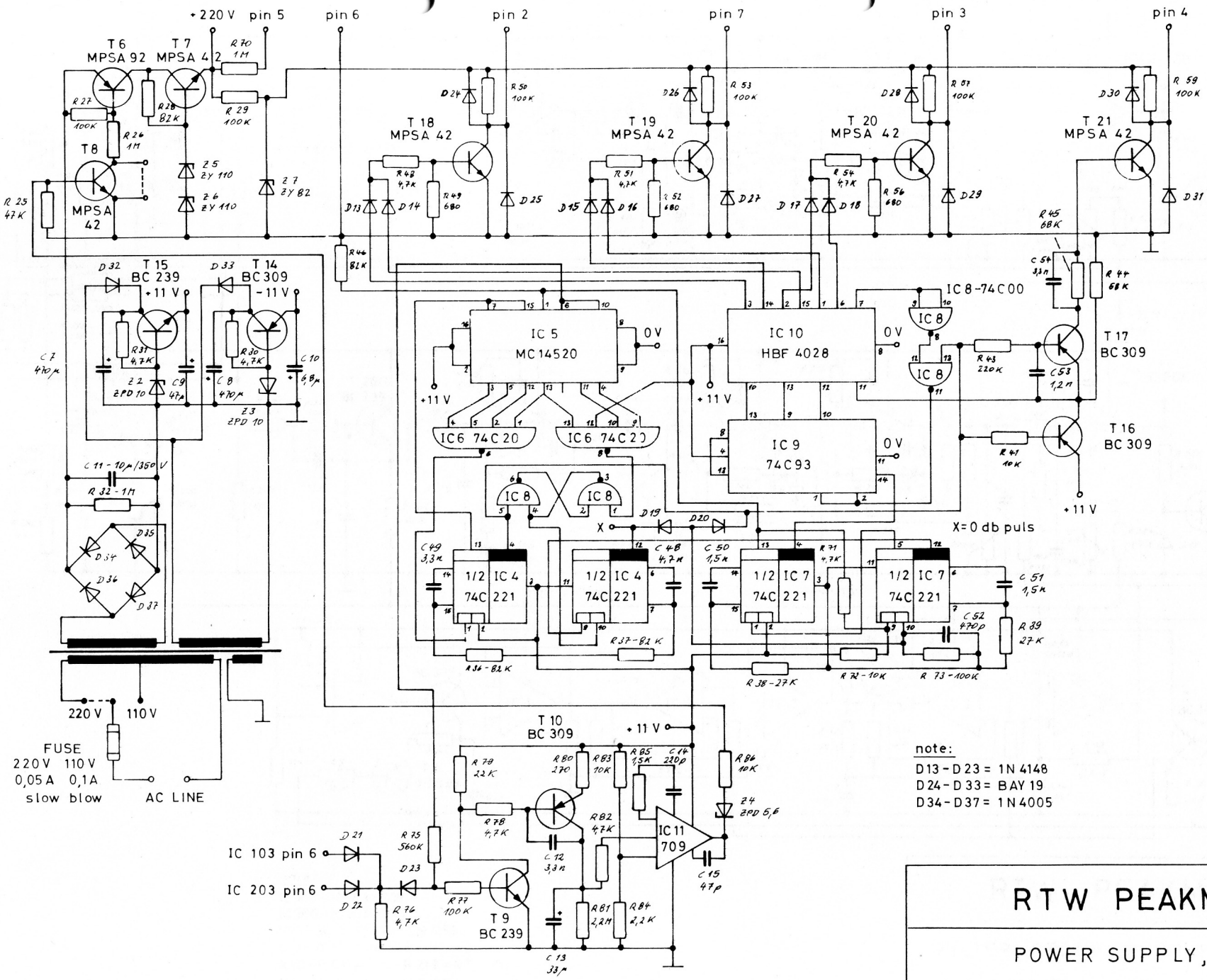
RTW

1.214,1.215
1.216,1.217

PEAKMETER



RTW PEAKMETER 1206	
SER. NR.	20.12.1978



note:
D13 - D23 = 1N4148
D24 - D33 = BAY 19
D34 - D37 = 1N4005

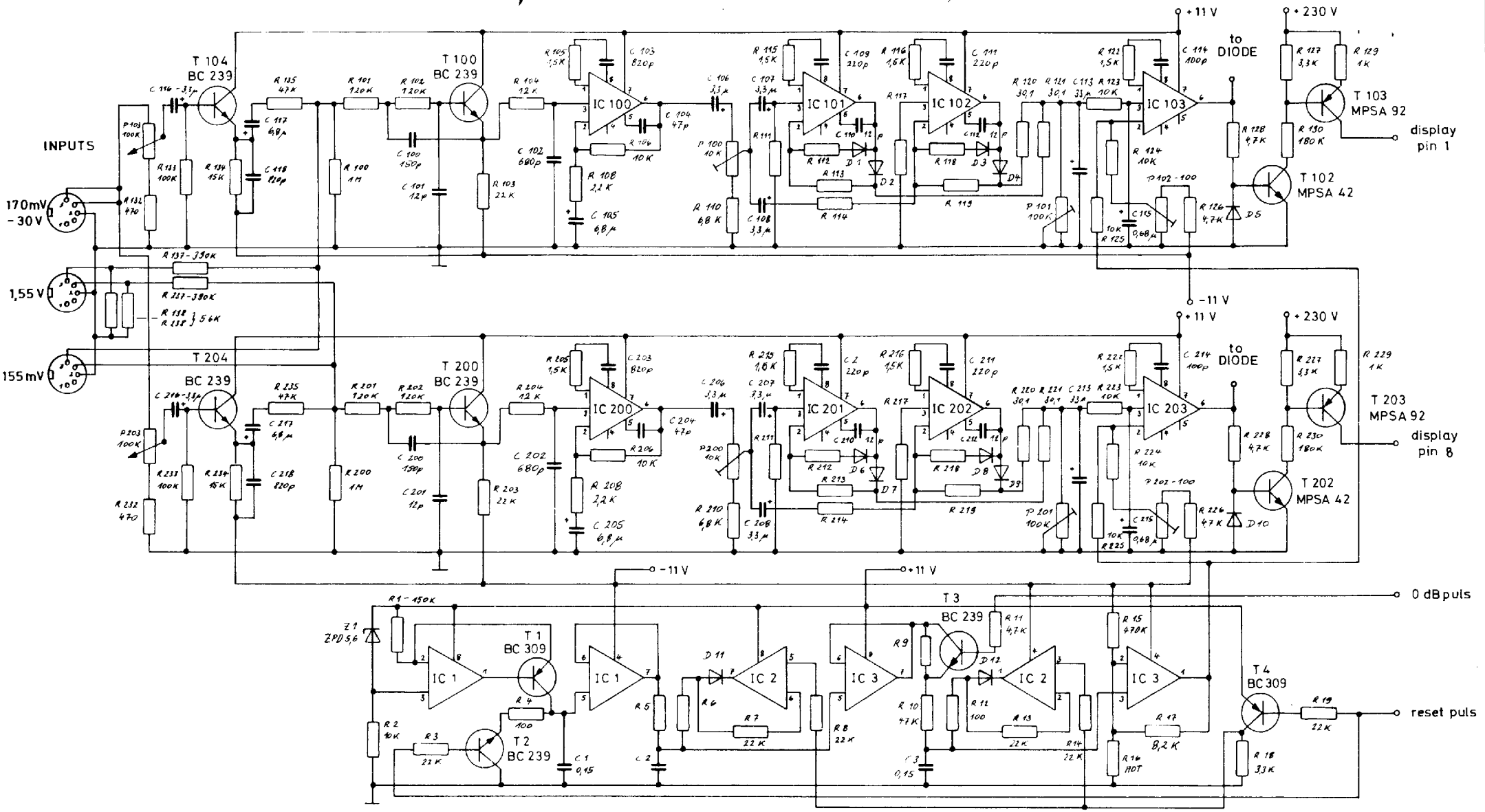
RTW PEAKMETER

POWER SUPPLY, LOGIC

1206

SER. NR.:

05. 02. 1979



note:
IC 100 - IC 103 = 709
IC 200 - IC 203 = 709
IC 1 - IC 3 = 1458, LM 358
D 1 - D 12 = 1N4148
R 111 - R 119, R 211 - R 219 = 47 K 1%
R 5, R 6, R 9, C 2 = ADJUST ON TEST

RTW PEAKMETER

FILTER, RECTIFIER, COMPARATOR
PULSFORMER 1206

SER NR.

20.12.1978