

RUBY

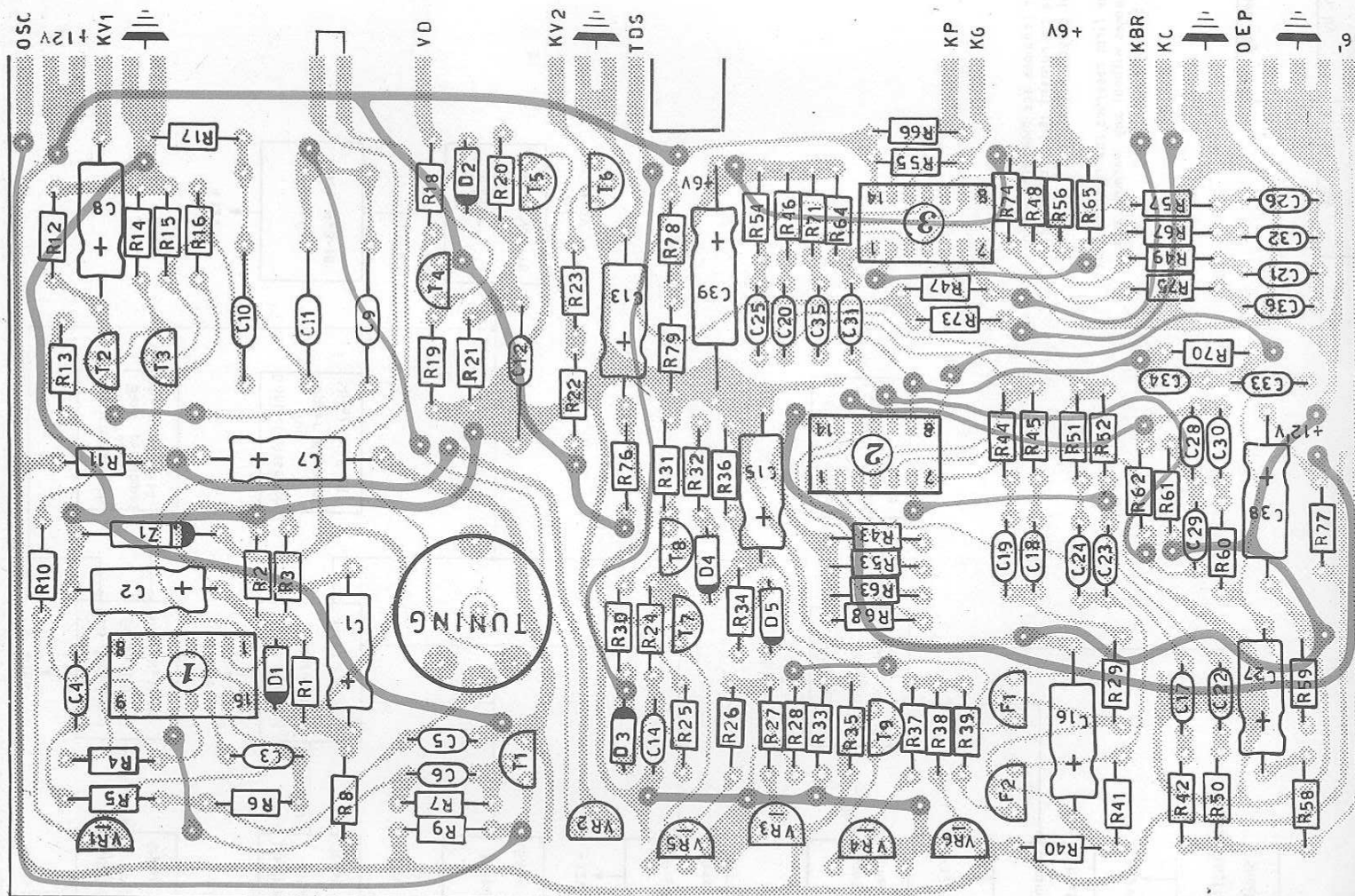


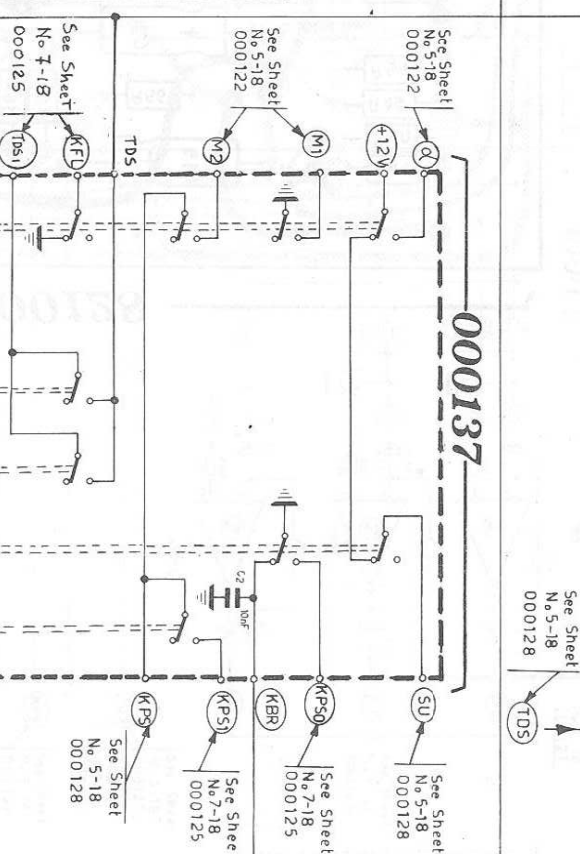
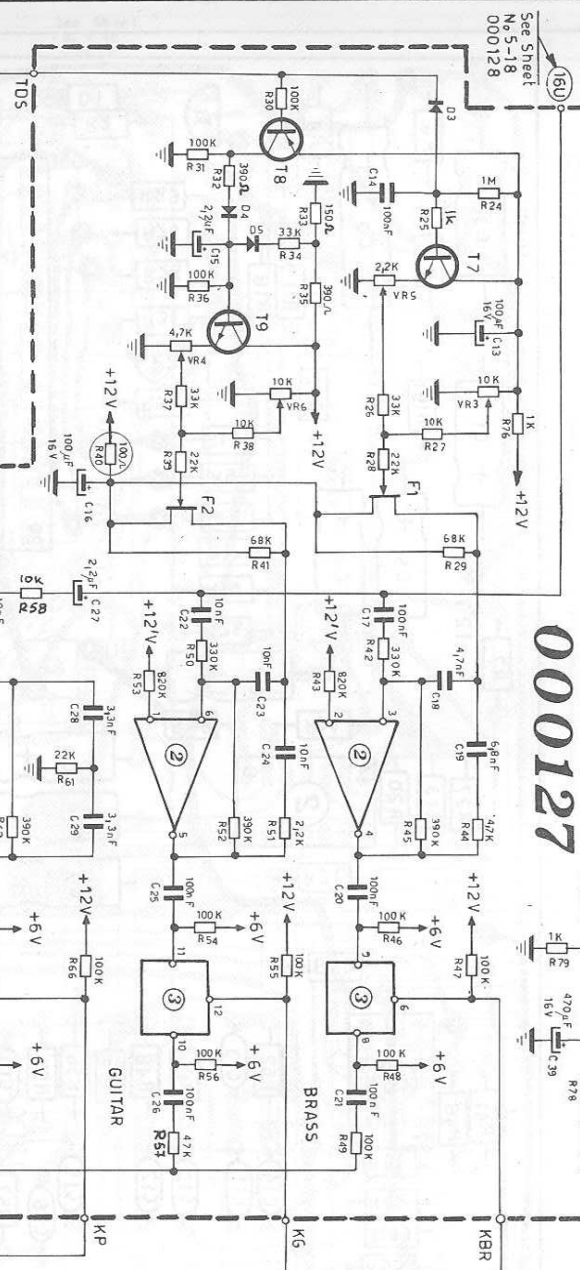
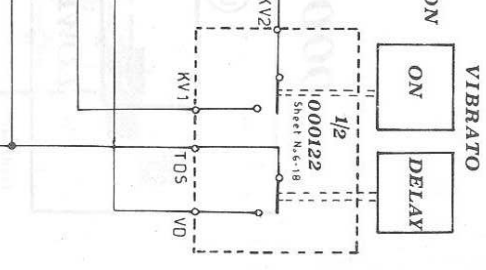
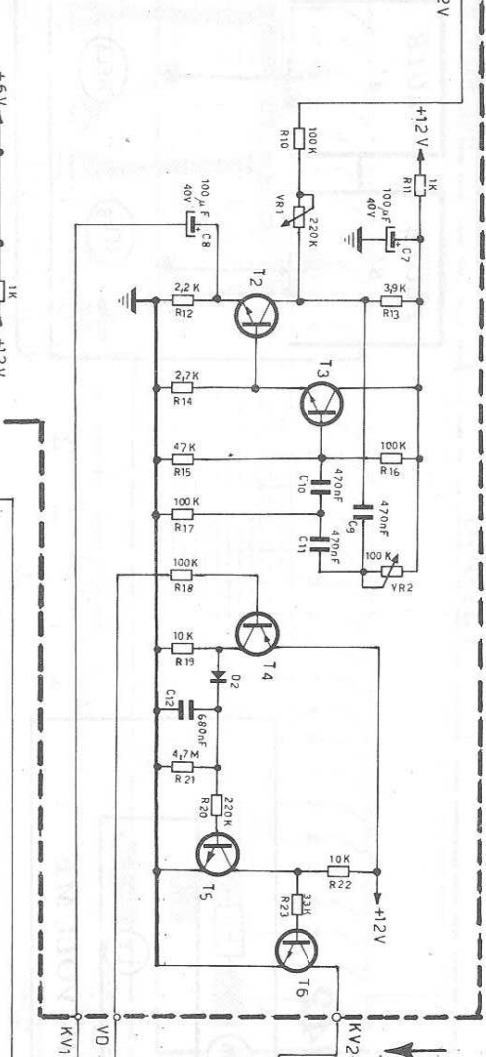
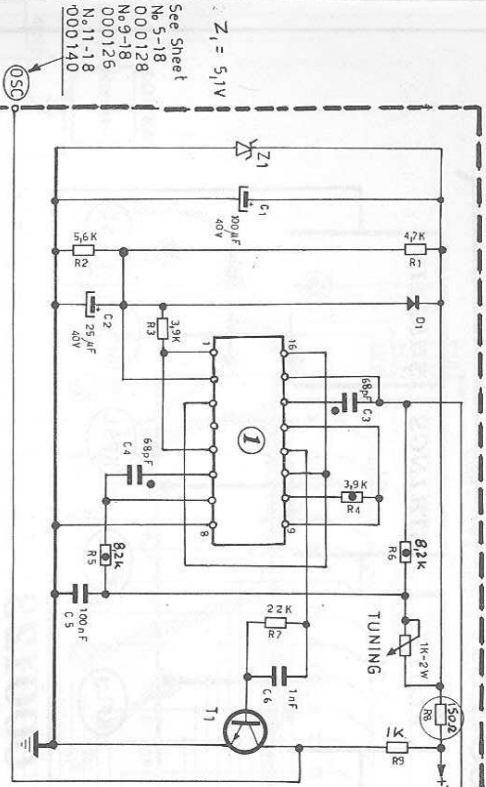
schematic diagrams

PRESETS.



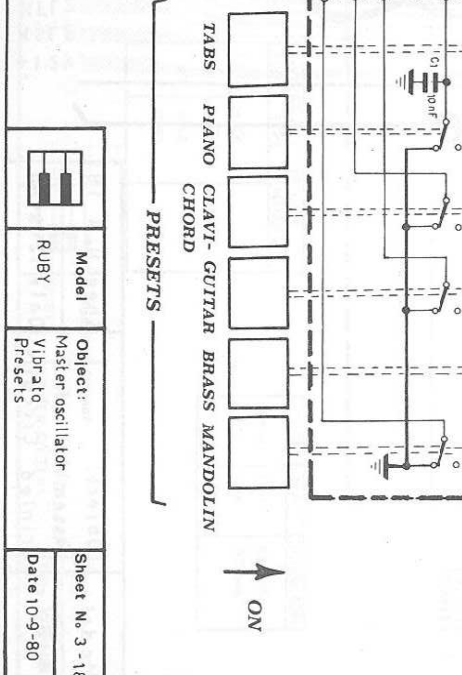
000127





CODE	TYPE	MANUFACTURED
1	SN 74221	TEXAS
2	3301	
3	4016	

CODE	TYPE	TRANSISTORS
T1-T3-T5	NPN	BC 548
T6-T7-T9	FET	BF 245
F1-F2		
T4-T8	PNP	BC 308



Model

RUBY

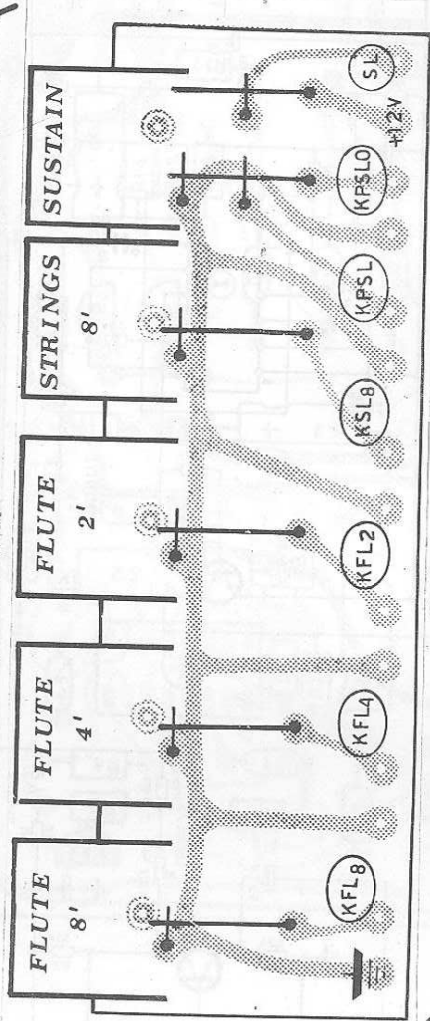
Object:

Master oscillator
Vibrato
Presets

Sheet No. 3-18

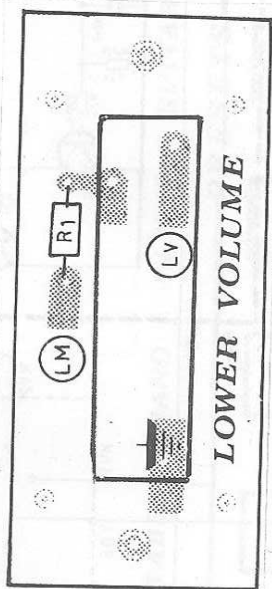
Date 10-9-80

LOWER



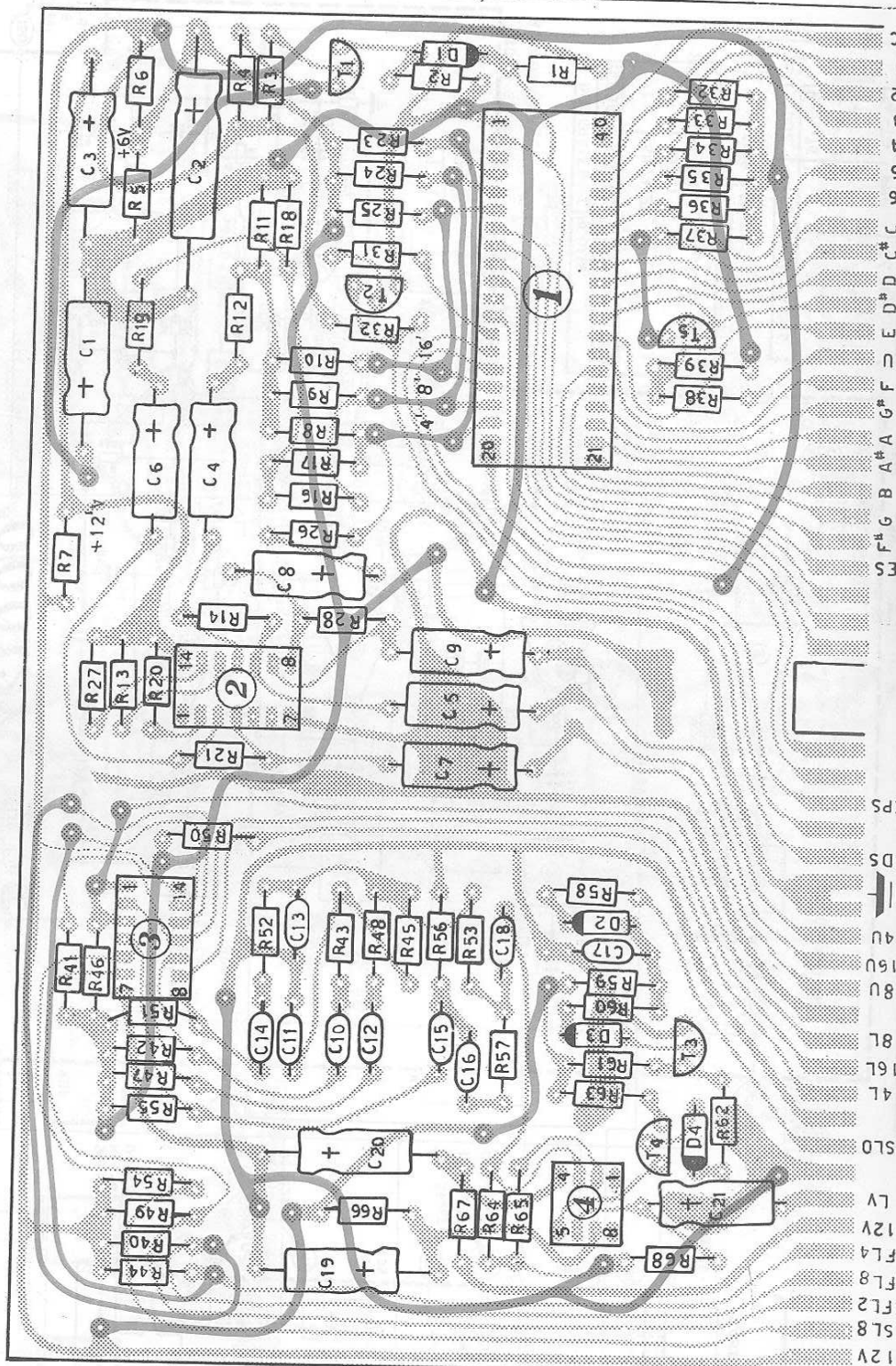
000123

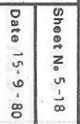
000142

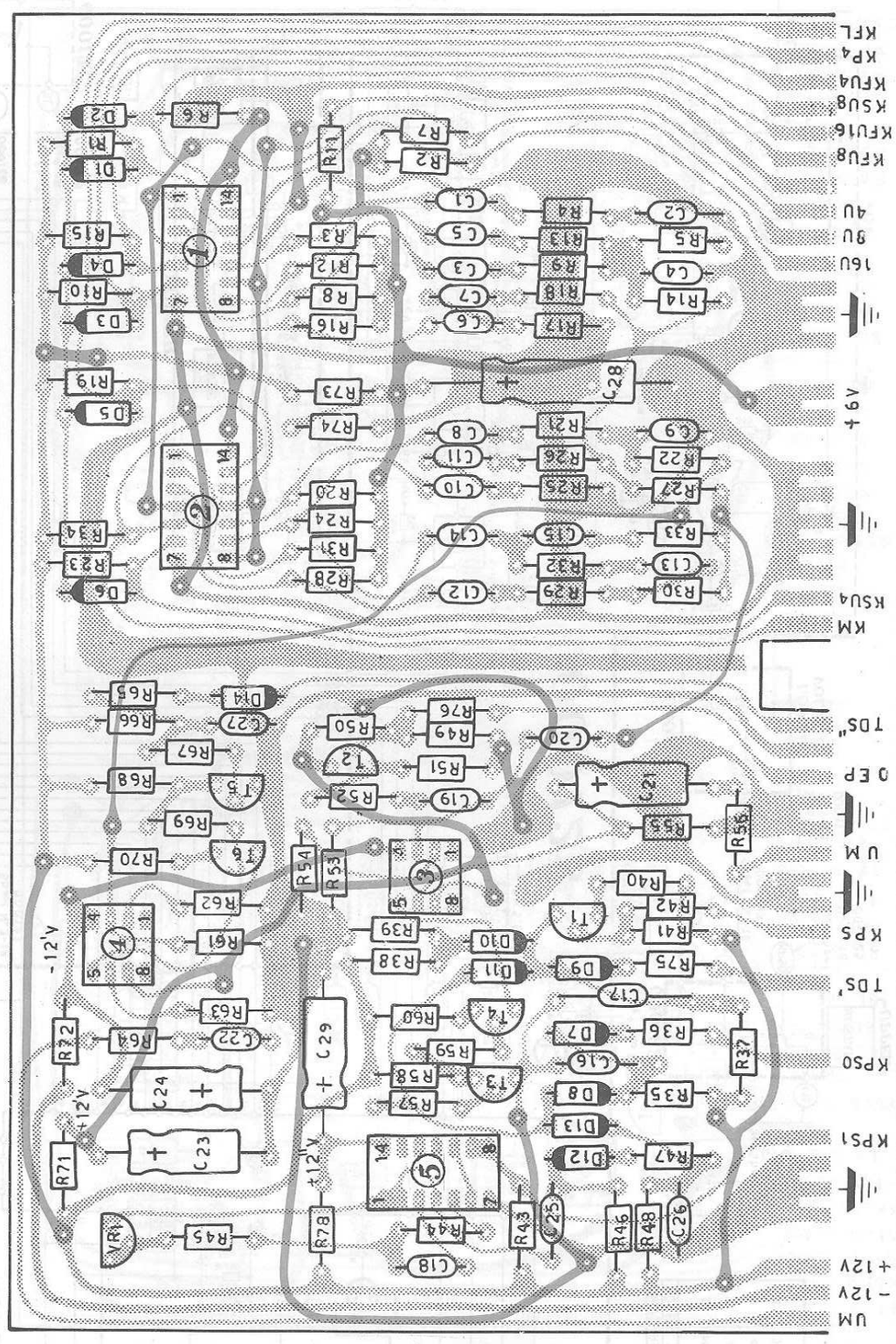


LOWER VOLUME

000128

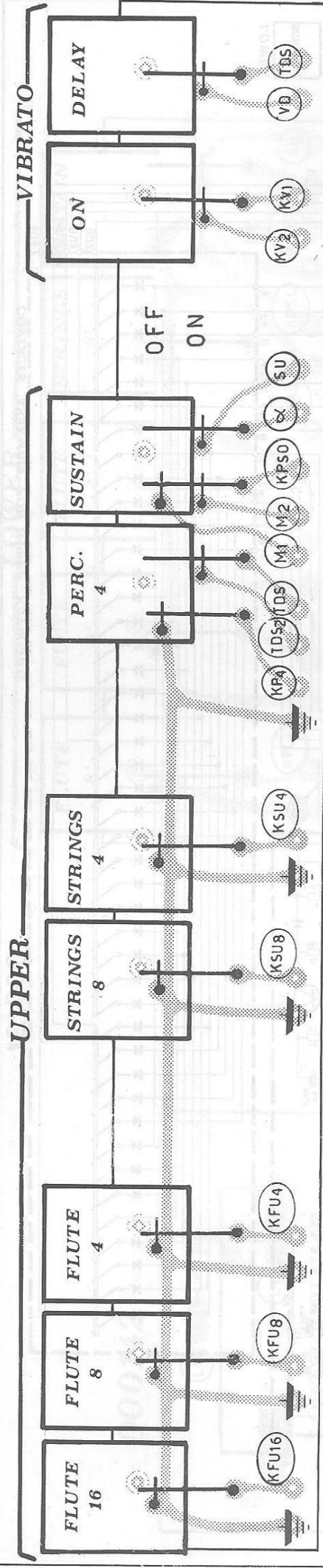


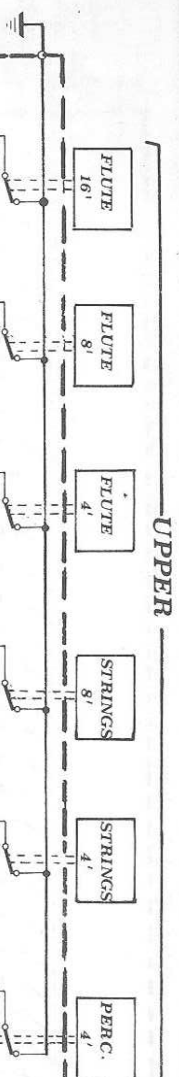




000125

000122





INTEGRATED CIRCUITS			
CODE	TYPE	MANUFACTURED	
1-2	4016		
3-4	3080		
5	4011		

CODE	TYPE	TRANSISTORS
T1-T2	NPN	BC 548
T3-T6	PNP	BC 308

4016
PIN 7 = $\bar{V}$
PIN 14 = +12V

See Sheet
No. 5-18
000128

See Sheet
No. 5-18
000128

See Sheet
No. 3-18
000137

See Sheet
No. 3-18
000137

See Sheet
No. 3-18
000137
No. 5-18
000122

000125

See Sheet
No. 3-18
000137

See Sheet
No. 5-18
000128

See Sheet
No. 3-18
000137

See Sheet
No. 3-18
000127

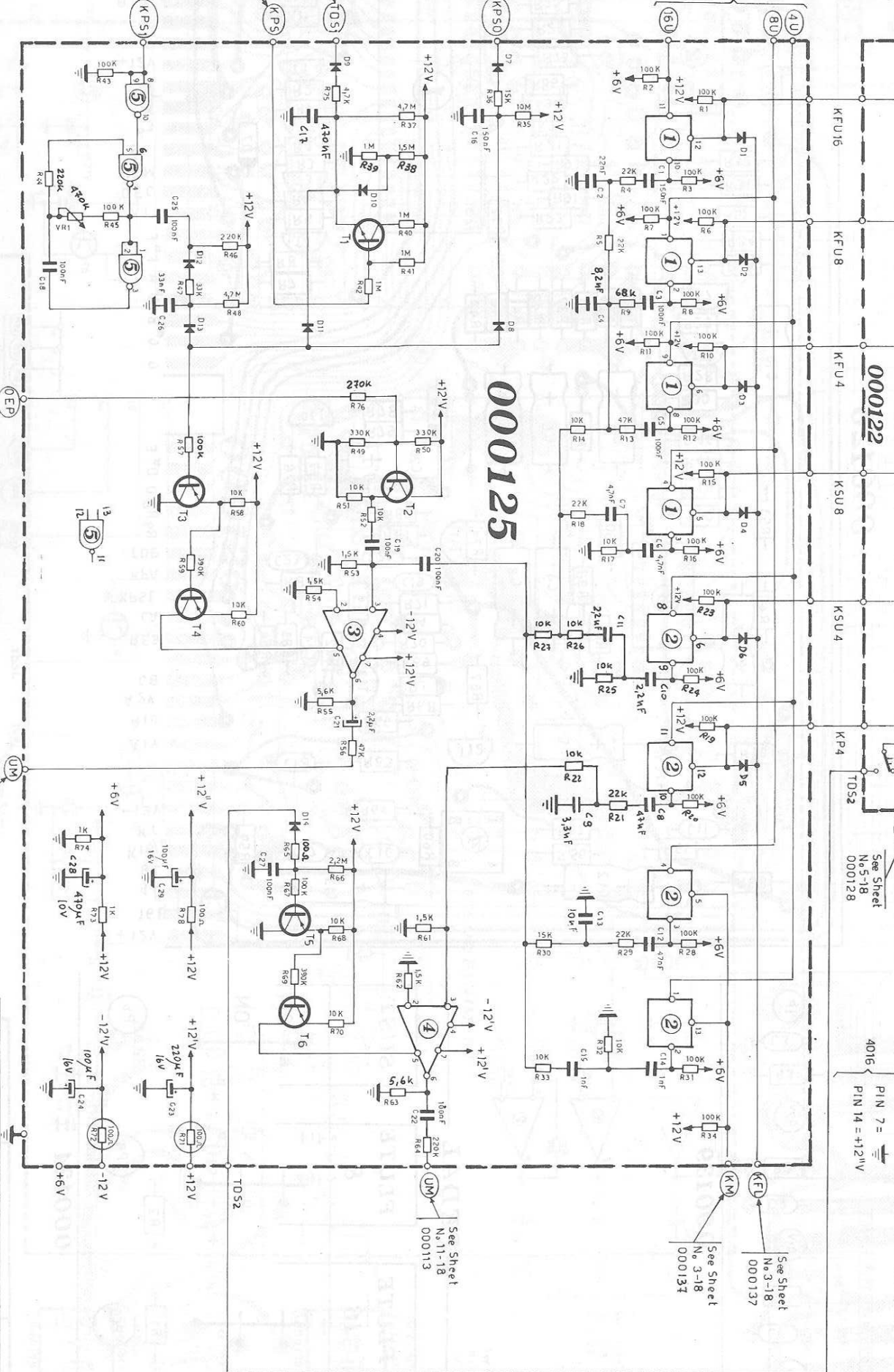
See Sheet
No. 11-18
000113



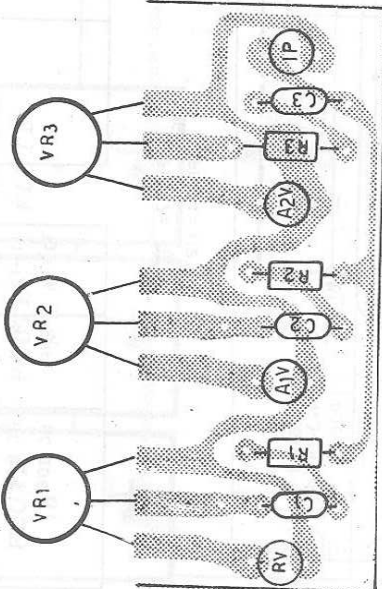
Model
RUBY

Object:
UPPER FILTERS

Sheet No. 7-18
Date 16-9-80

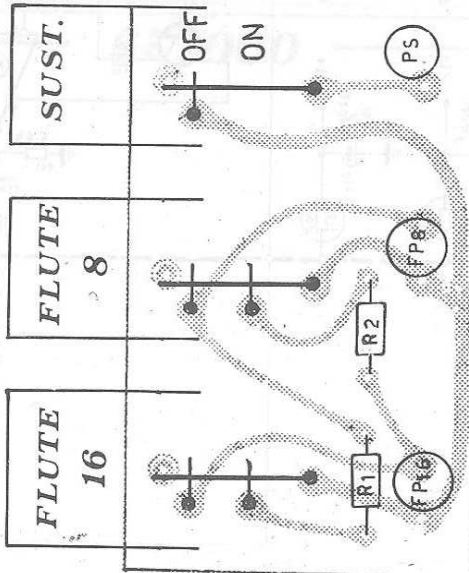


VOLUMES RHYTHM. ACCOMP. BASS



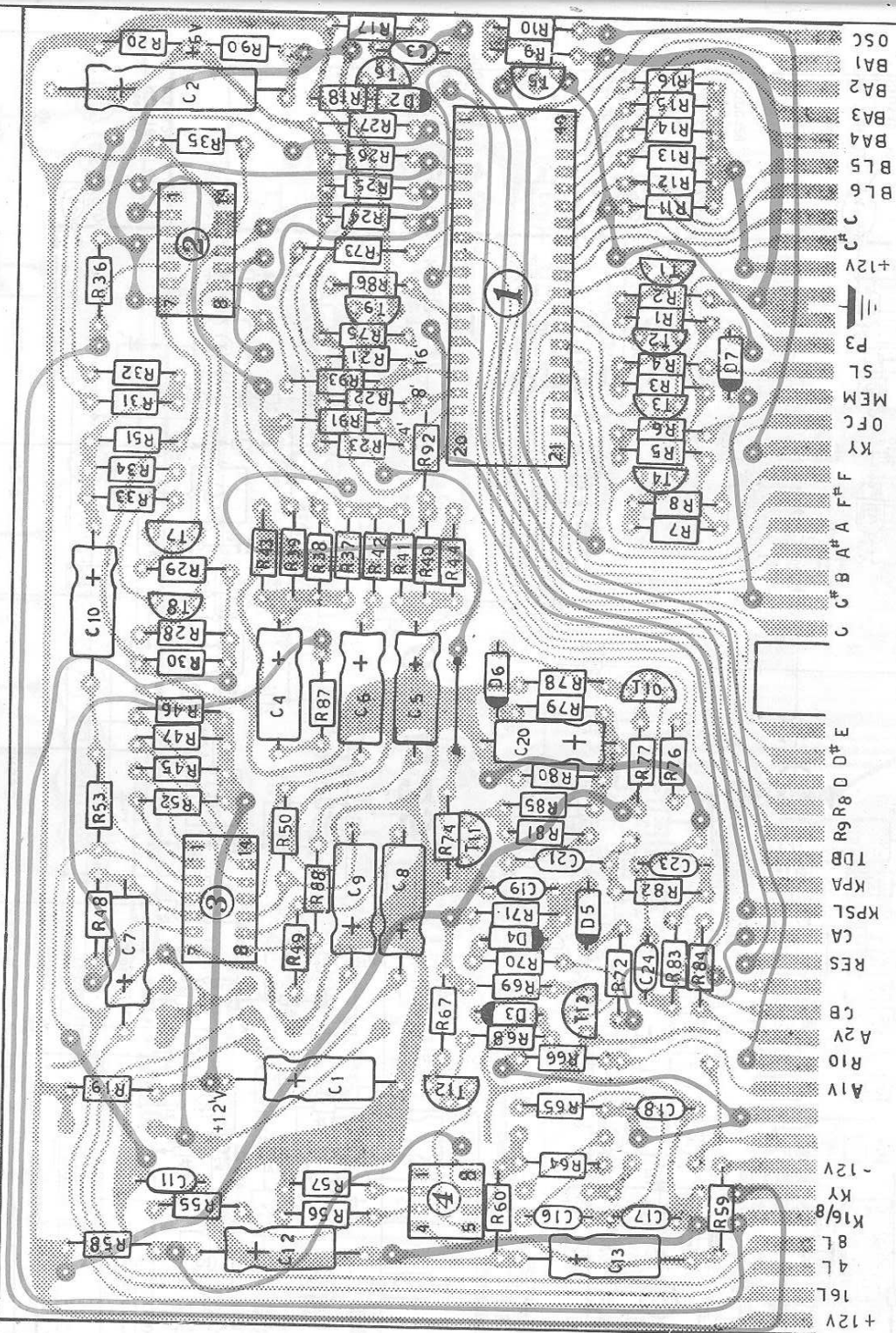
000139

PEDAL

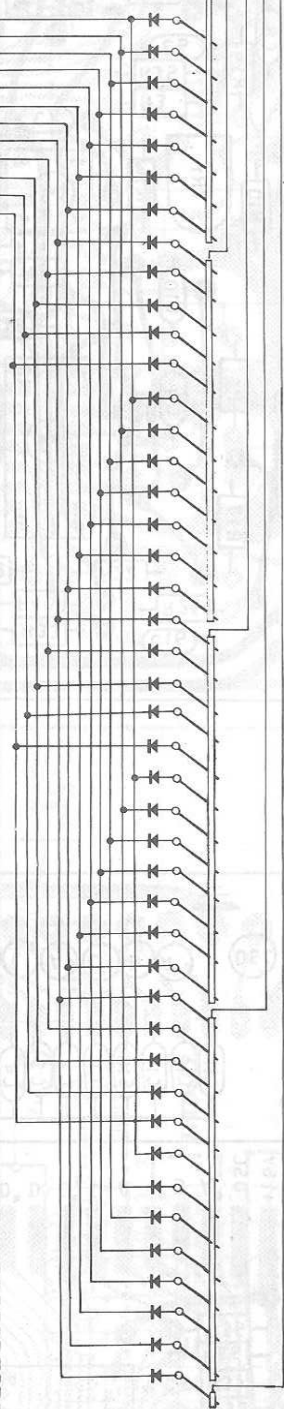


000124

000126



Model	RUBY	Object:	Sheet No. 8-18
		Assembly of	Date 12-9-80
		Printed Circuits	

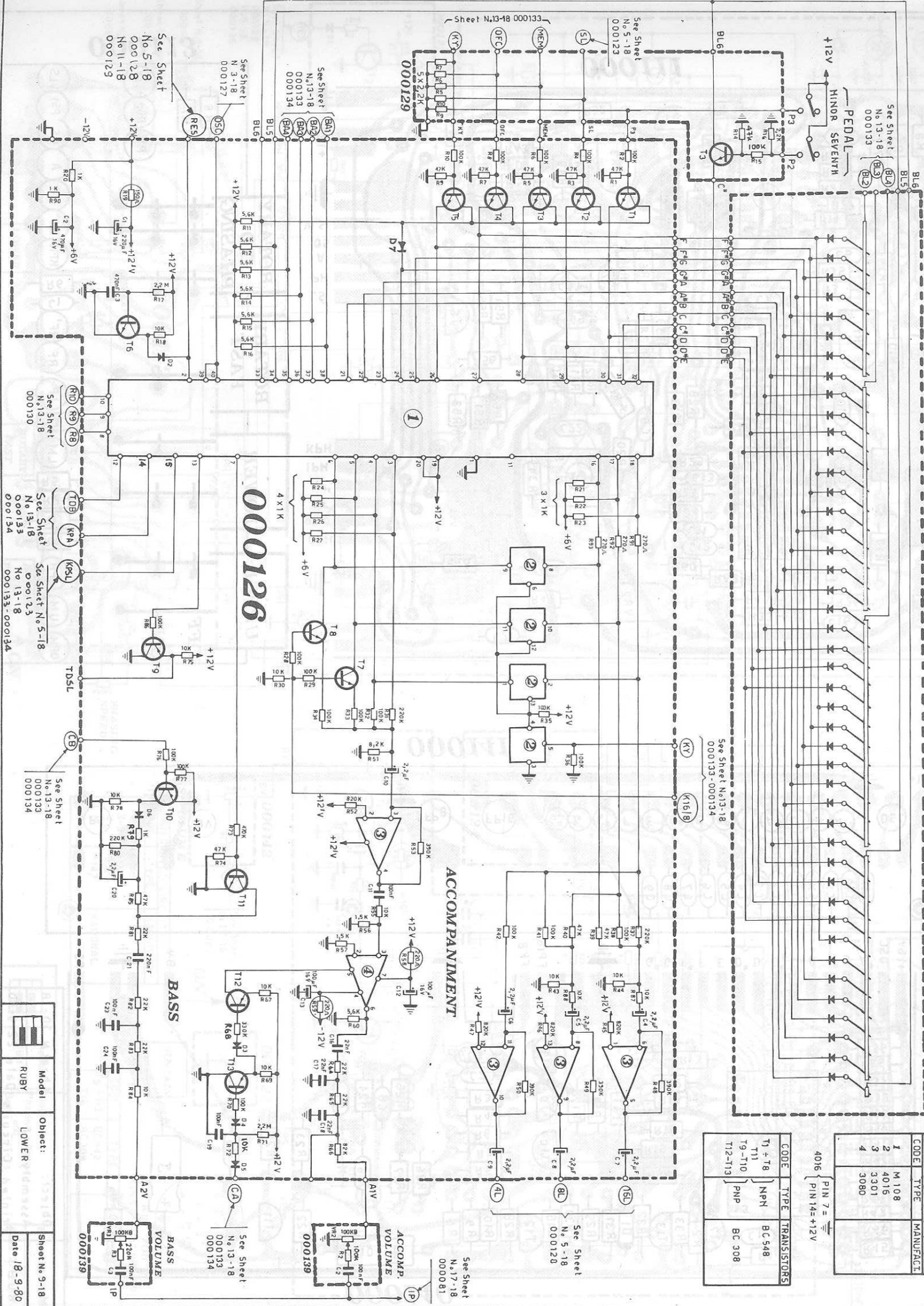


INTEGRATED CIRCUITS

CODE	TYPE	MANUFACT.
1	M 108	
2	4016	
3	3301	
4	3080	

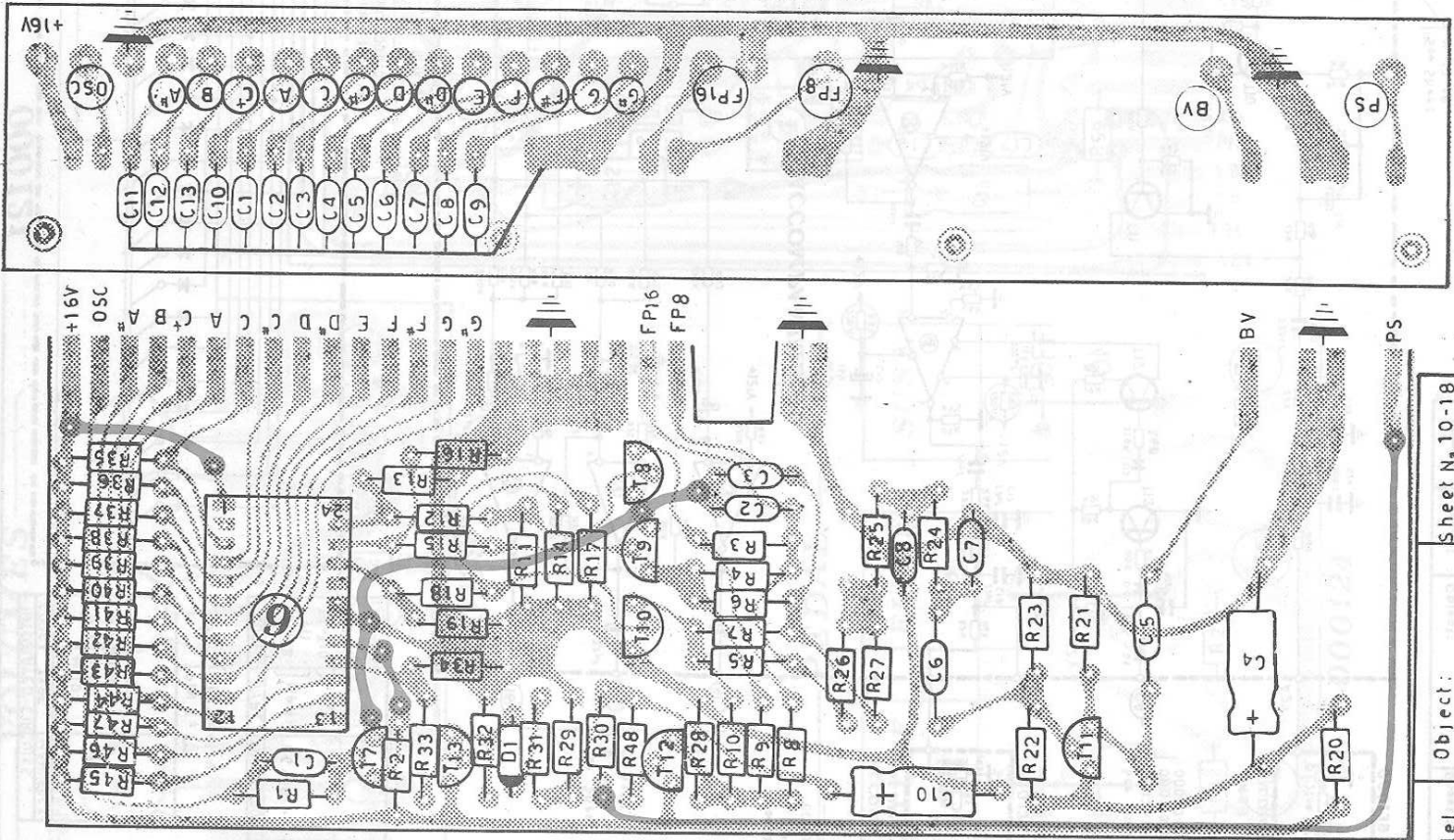
4016 (PIN 7 = $\bar{V}$)
PIN 14 = +12V

CODE	TYPE	TRANSISTORS
T1 + T8	PNP	BC 548
T11	PNP	BC 308
T9 - T10	PNP	BC 308
T12 - T13	PNP	BC 308

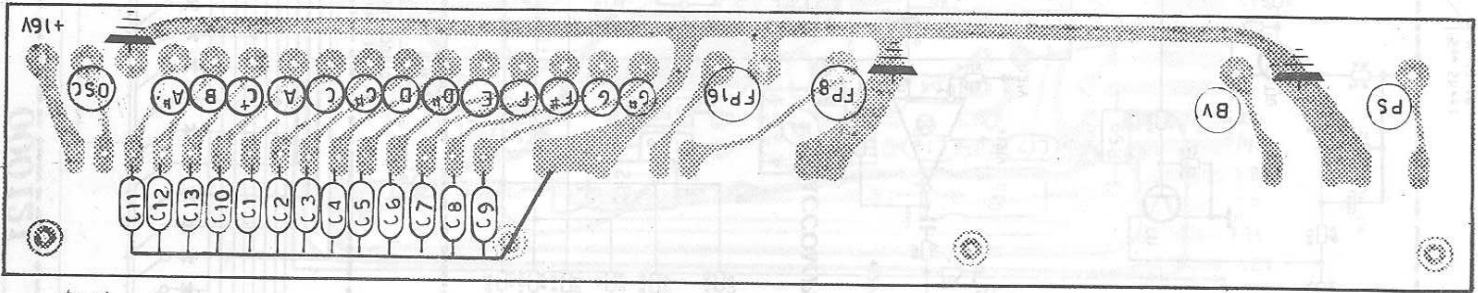


Model	RUBY
Object:	LOWER
Sheet No 9-18	Date 18-9-80

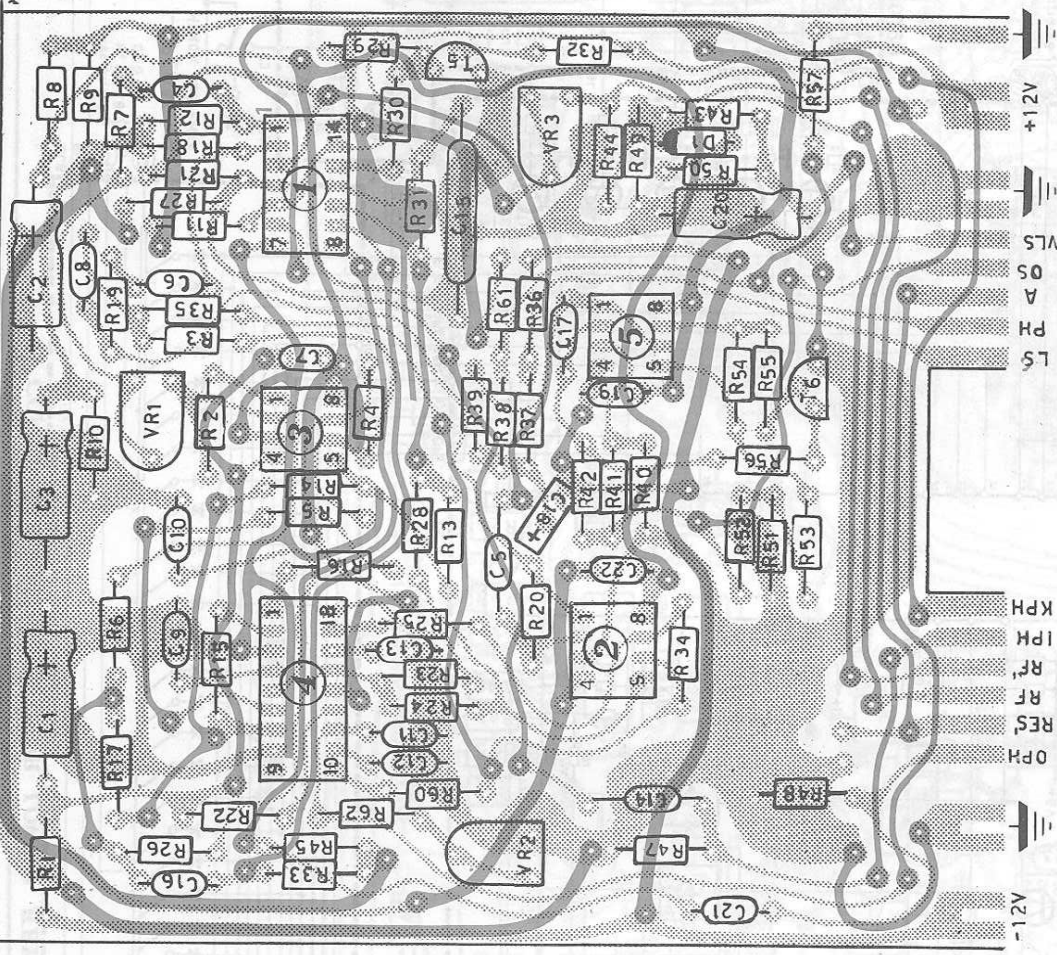
000140



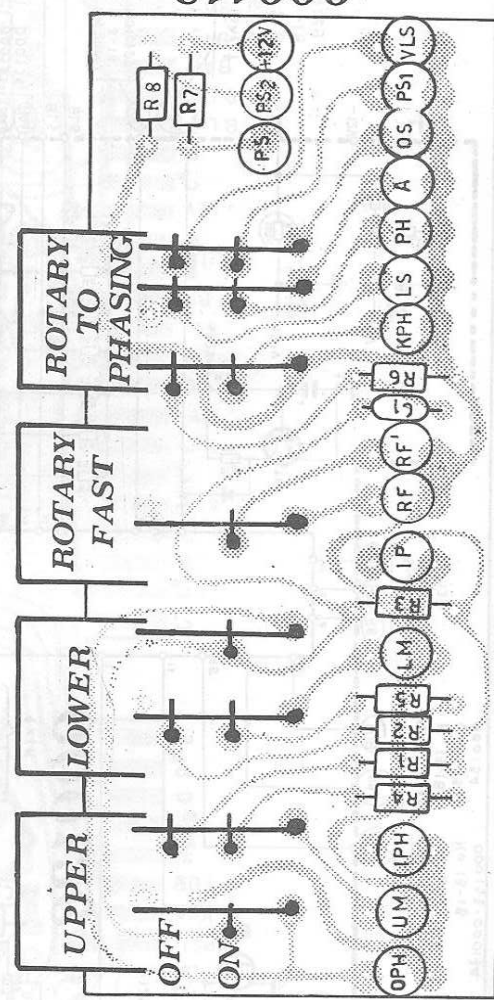
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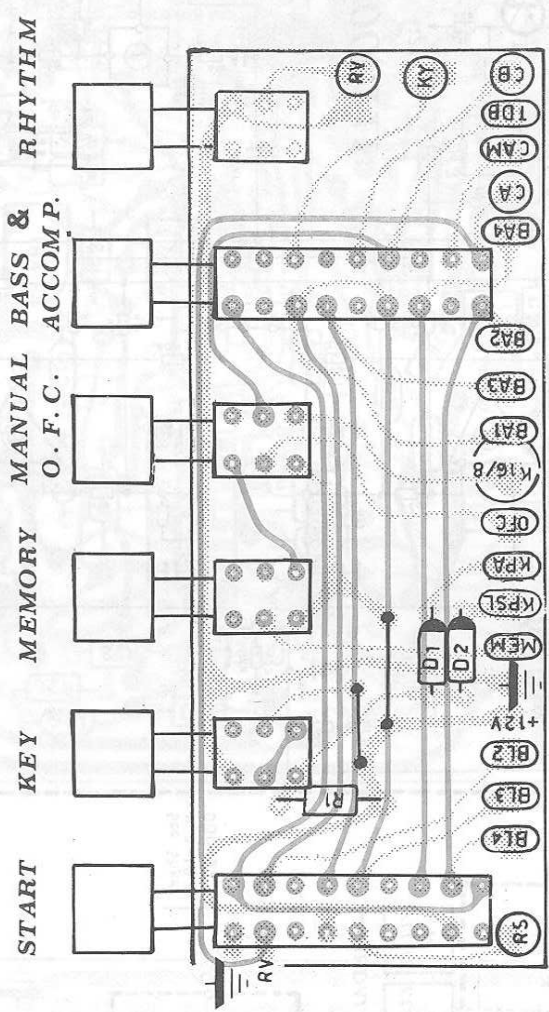
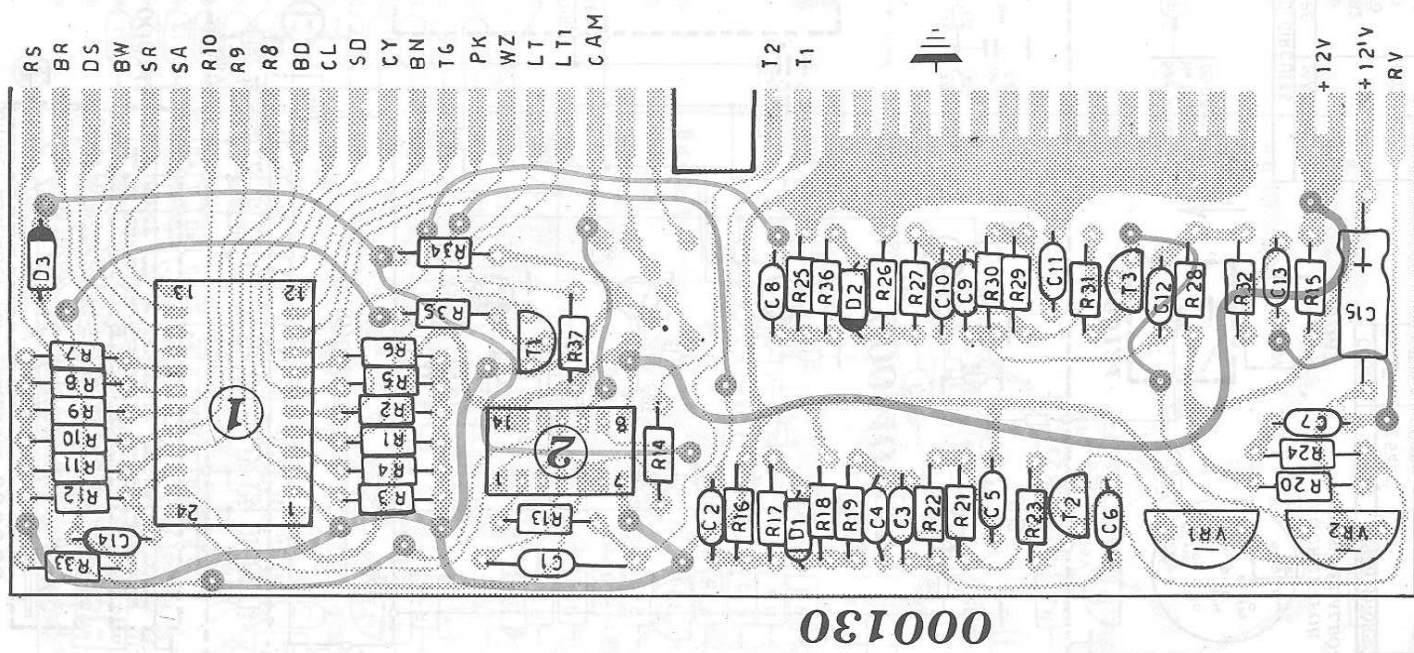


000111

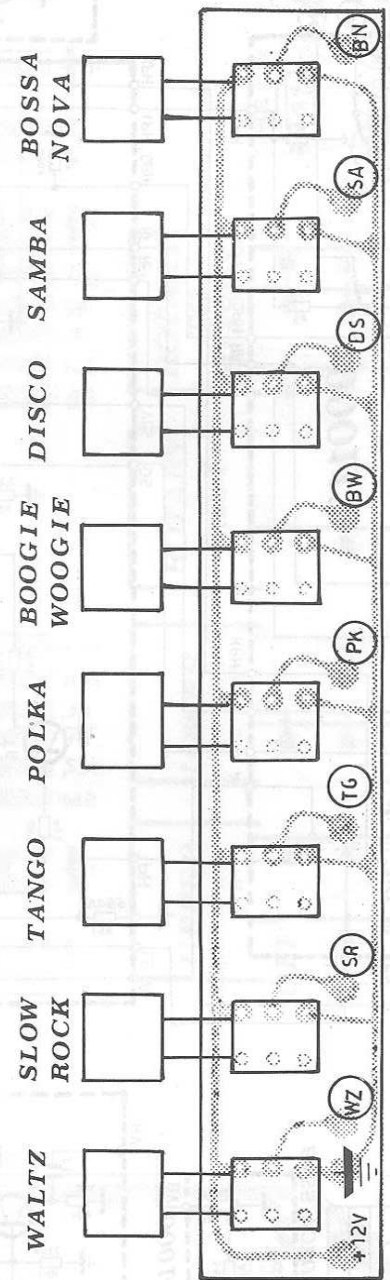


000113





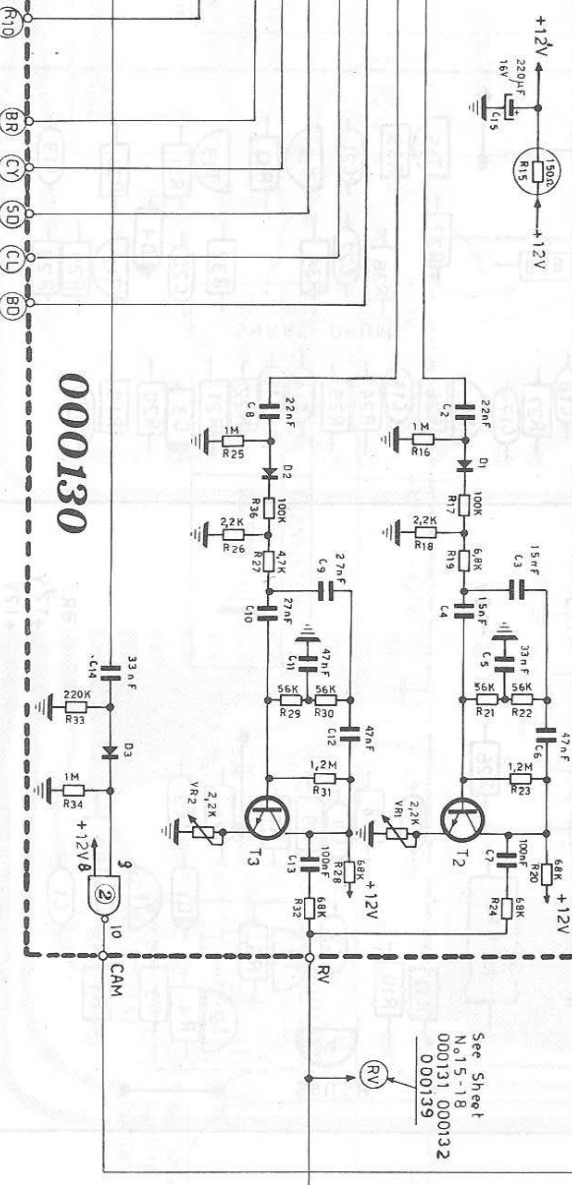
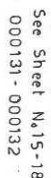
000134 000135

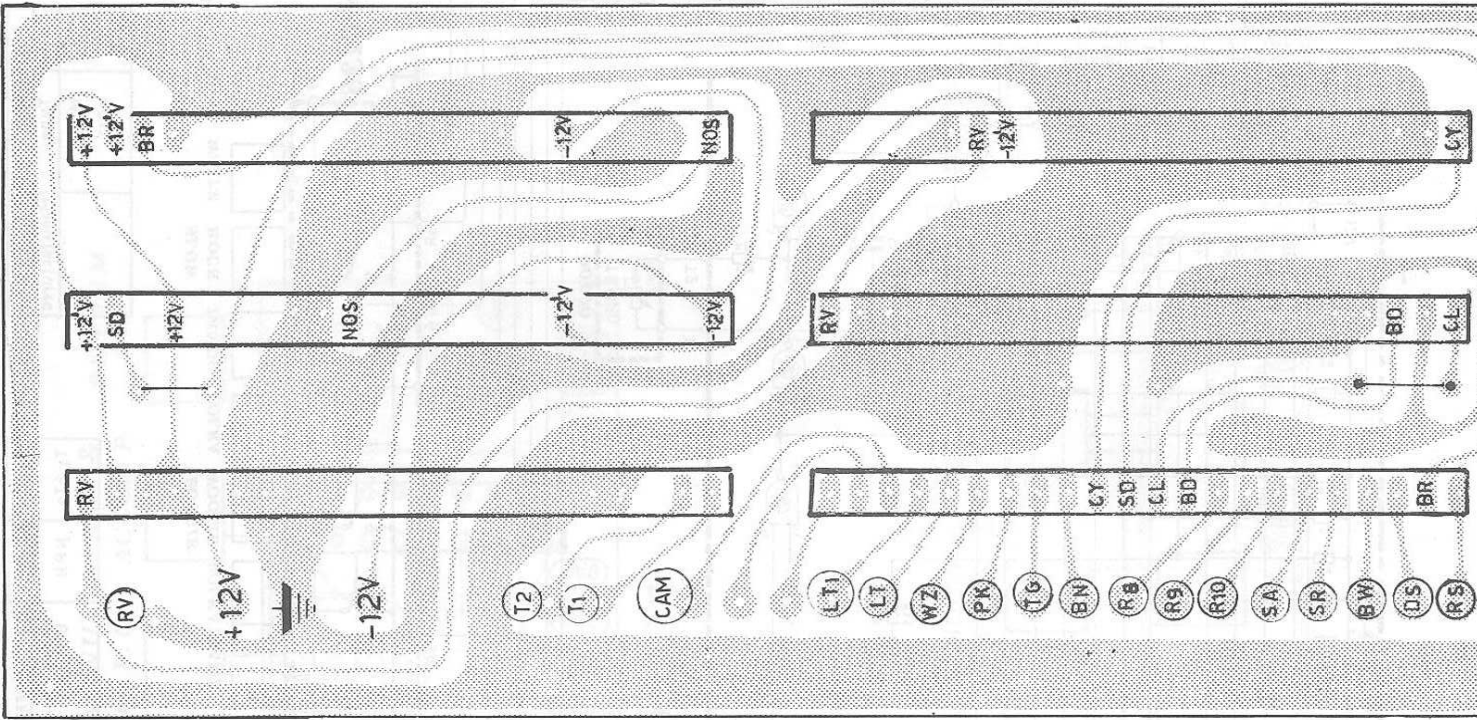
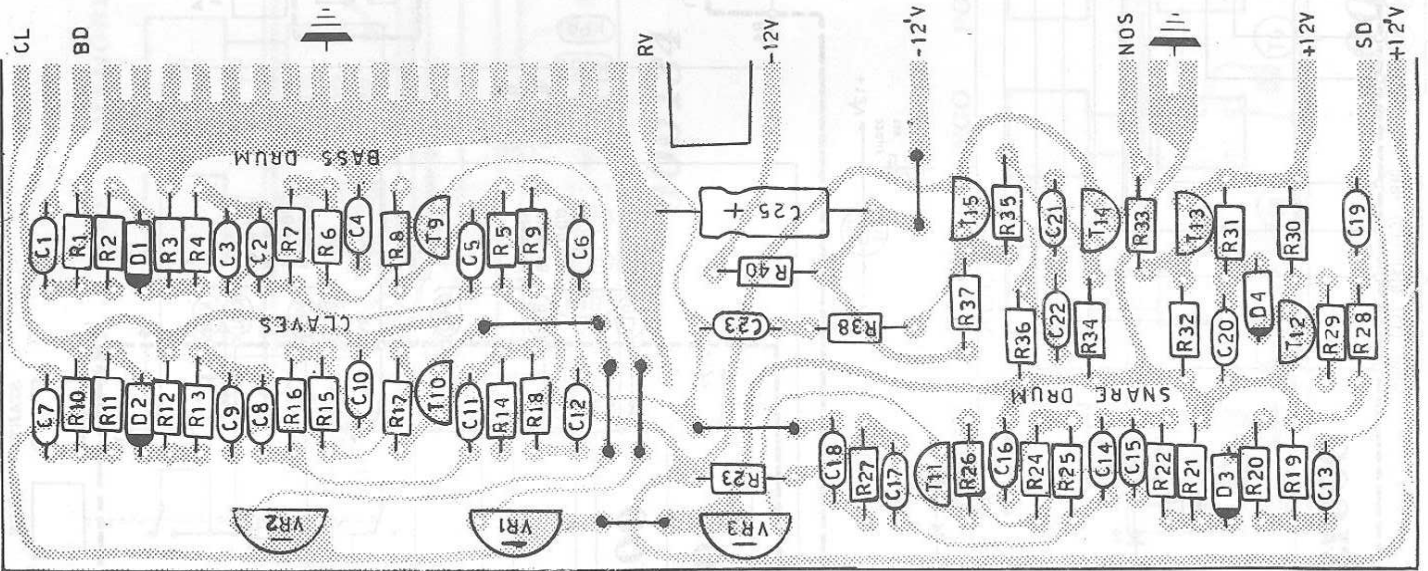
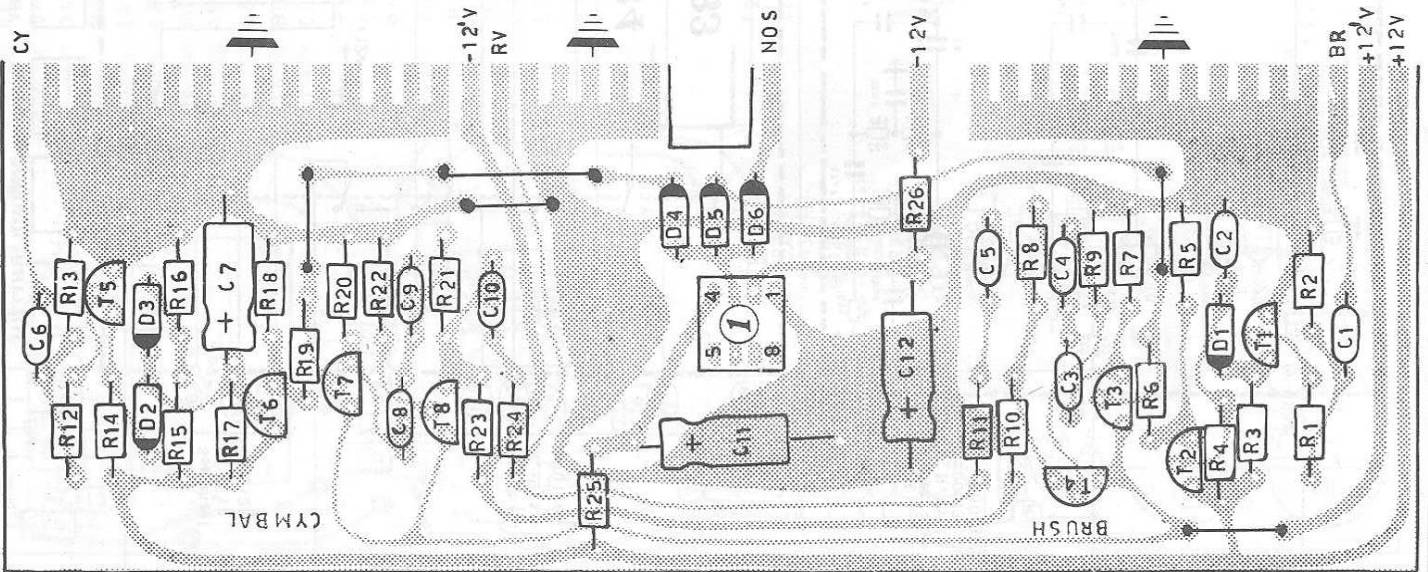


000136

Model RUBY	Object: Assembly of Printed Circuits	Sheet No. 12-18 Date 17-9-80
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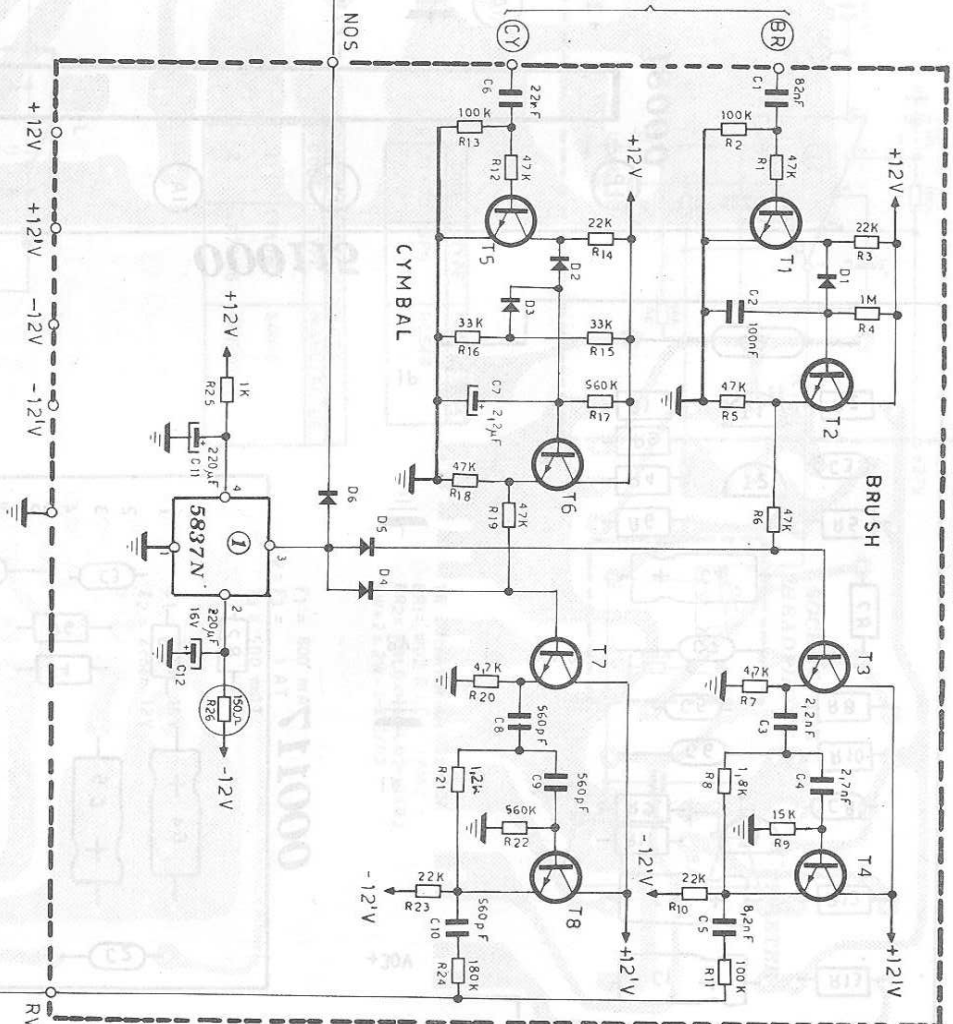
Code	Type	Transistors
T ₁ ÷T ₃	NPN	BC 548





Model	RUBY
Object:	Assembly of Printed Circuits
Sheet N,14-18	Date 18-9-80

000132



See Sheet
No.13-18
000133-000130

RV

000139

VR1

100K B

120K

220nF

C1

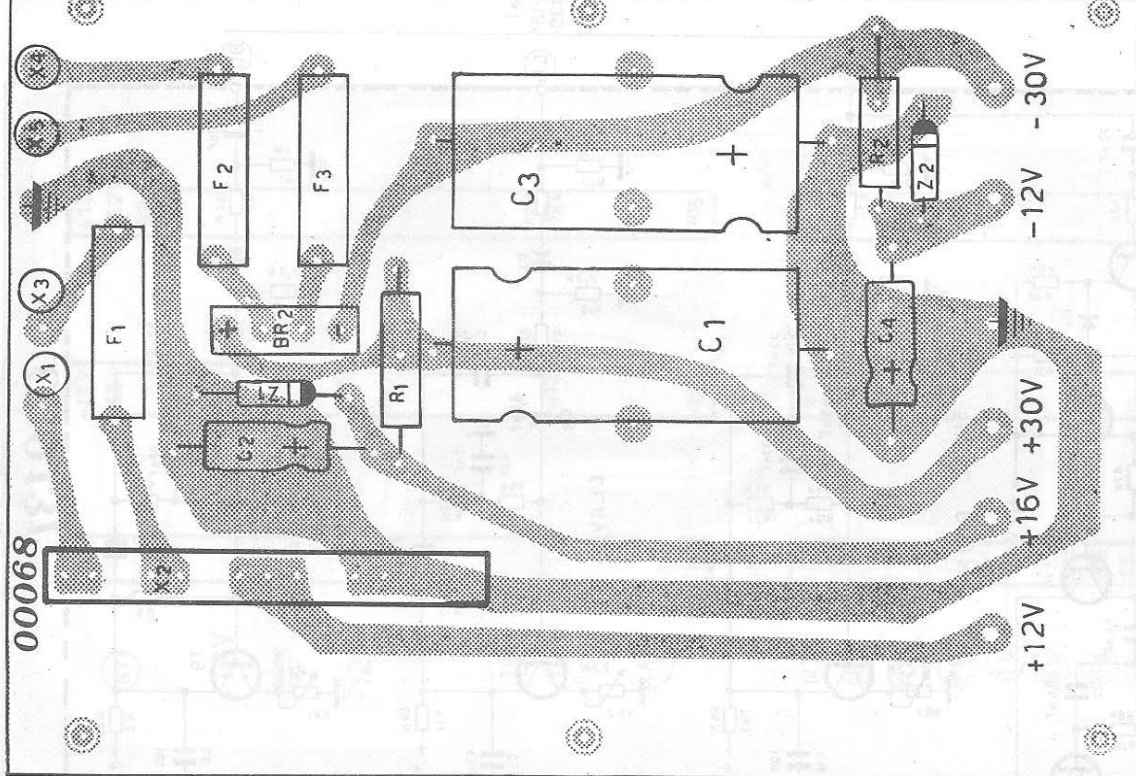
IP

See Sheet
No.17-18
000081

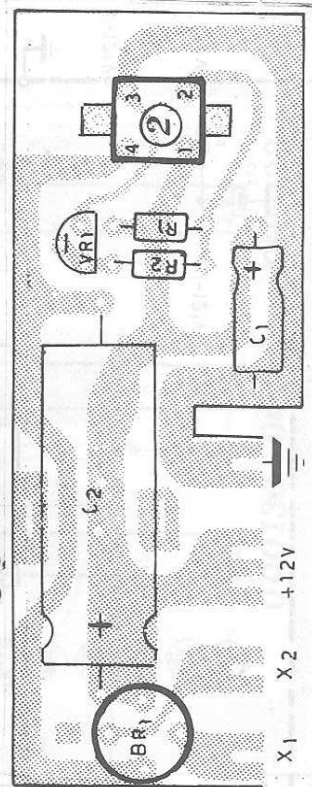
**RHYTHM
VOLUME**

000138

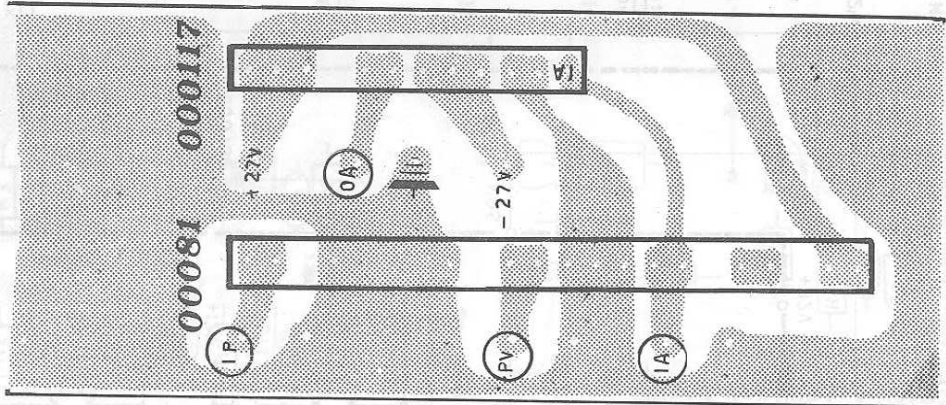
00068



00068

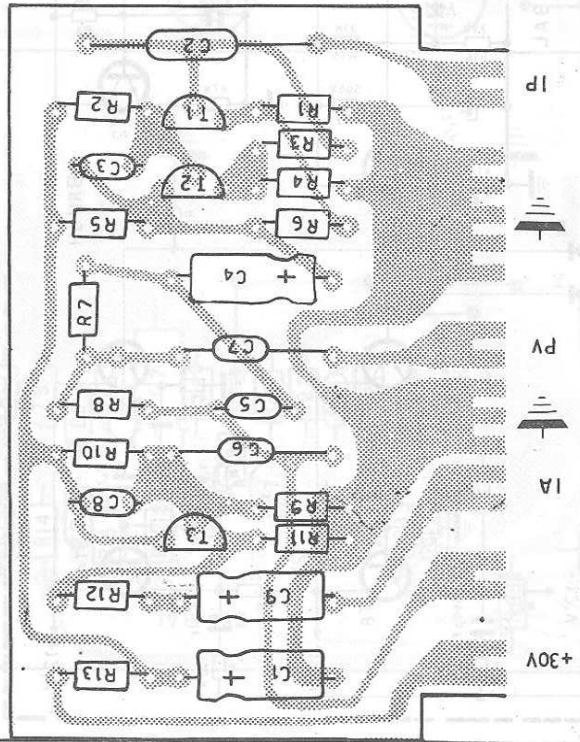


00081 000117

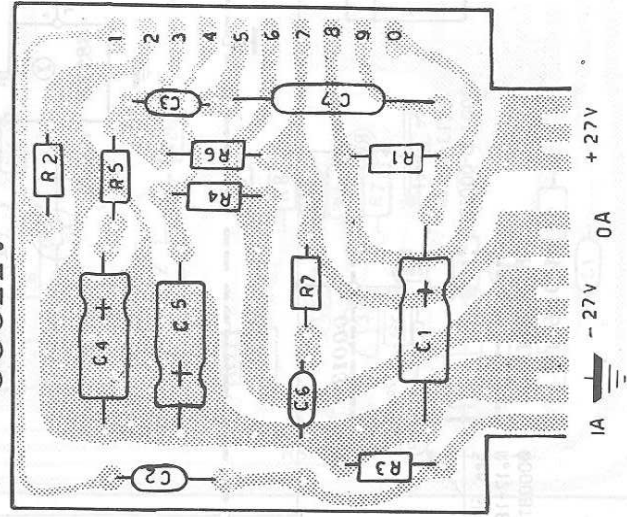


000115

00081



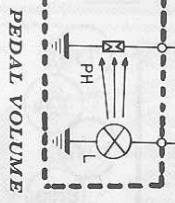
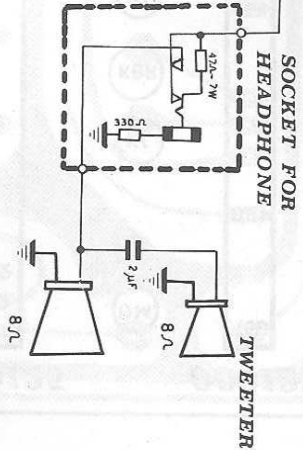
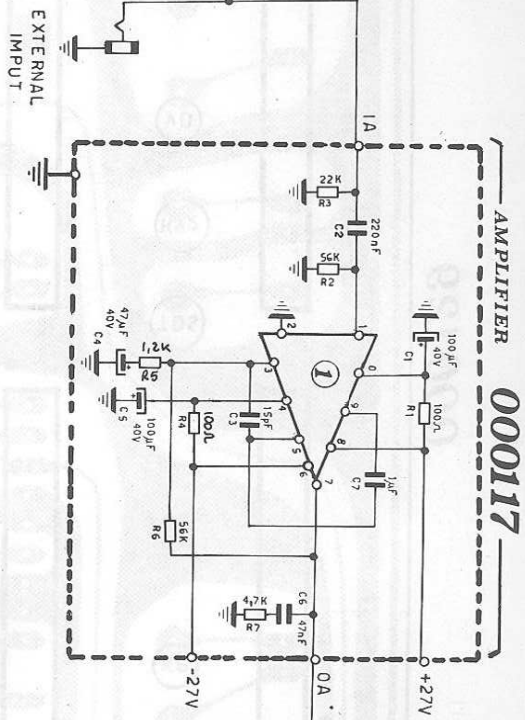
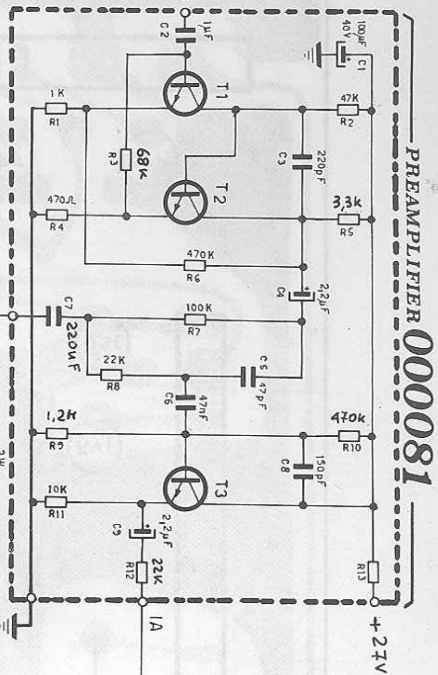
000117



Model	RUBY
Object:	Assembly of Printed Circuits
Sheet No.	16-18
Date	24-9-80

See Sheet 1
 9-18
 10-18
 11-18
 12-18
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 14-18
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 100-18

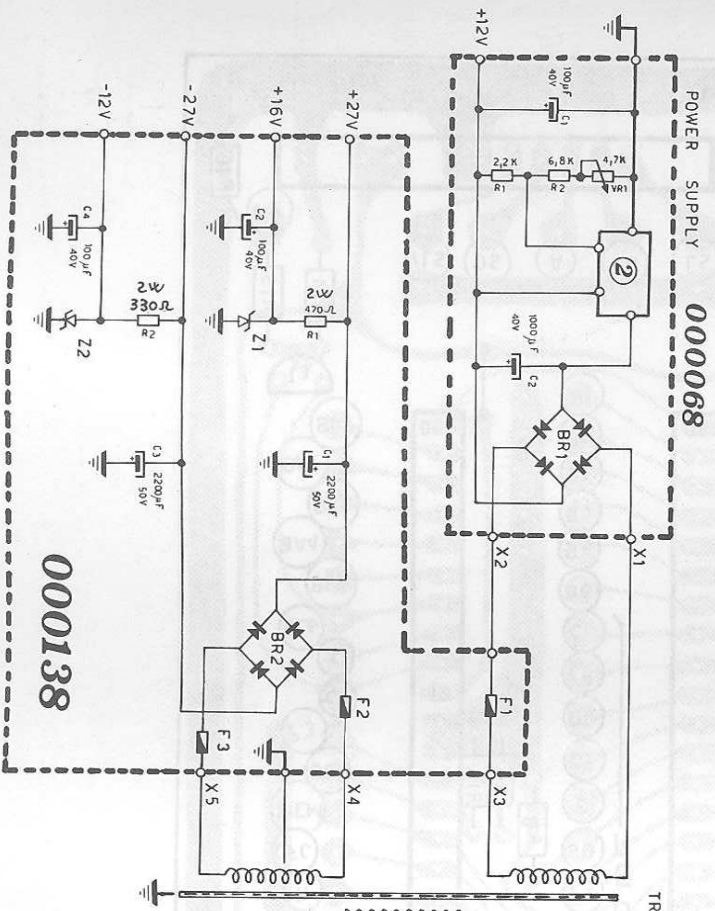
PH=8837303
 L=6V-0.3W



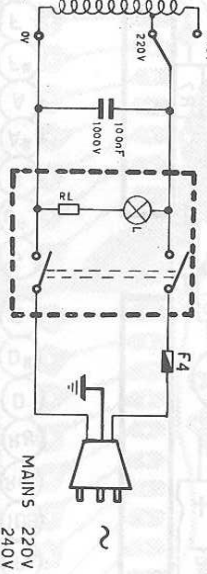
INTEGRATED CIRCUITS			
CODE	TYPE	MANUFACTURER	
1	STK080	SANYO	
2	μA79M6	FARCHILD	

TR = Transformer T0460
 BR1 = W02 G.I.E. - 1 PM2
 BR2 = KBLO4-BBL02-BSB2
 SW+2 = 2W-1-X11/03

F1 = 800 mAT
 F2 = F3 = 1 AT
 F4 = 500 mAT
 Z1 = Zener 16 V
 Z2 = Zener 12 V



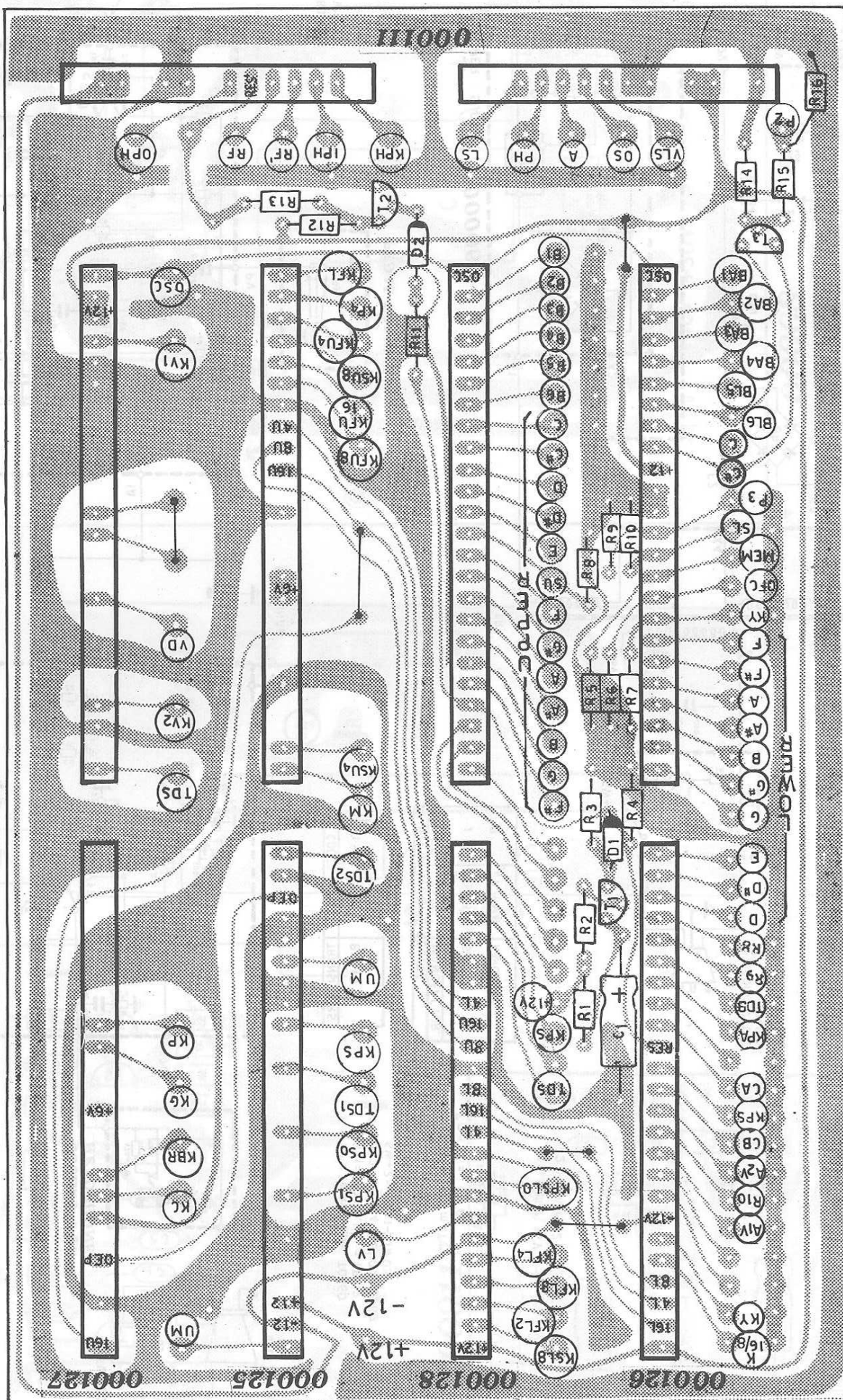
000138



Model
 RUBY
 Object:
 Amplifier and
 Power supply

Sheet No. 17-18
 Date 23-9-80

000129



Model	RUBY
Object:	Assembly of
Sheet No.	18-18
Date	18-9-80