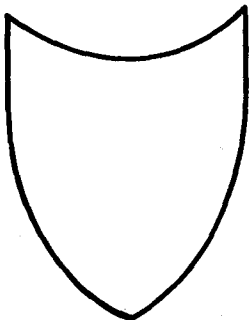


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SOUTH AFRICAN DEFENCE FORCE
SUID - AFRIKAANSE WEERMAG

RS - B25 - SA

TECHNICAL MANUAL
TEGNIJSE HANDBOEK



THOMSON-CSF

SHEET INDEX

SHEET No.	DATE OF ISSUE	SHEET No.	DATE OF ISSUE	SHEET No.	DATE OF ISSUE
0-1 to 0-8	original				
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2-1 to 2-8	original				
3-1 to 3-6	original				
4-1 to 4-96	original				
5-1 to 5-24	original				
6-1 to 6-145	original				
7-1 to 7-33b	plates original				
8-1 to 8-175	original				

TRANSCEIVER

MAN-PACK

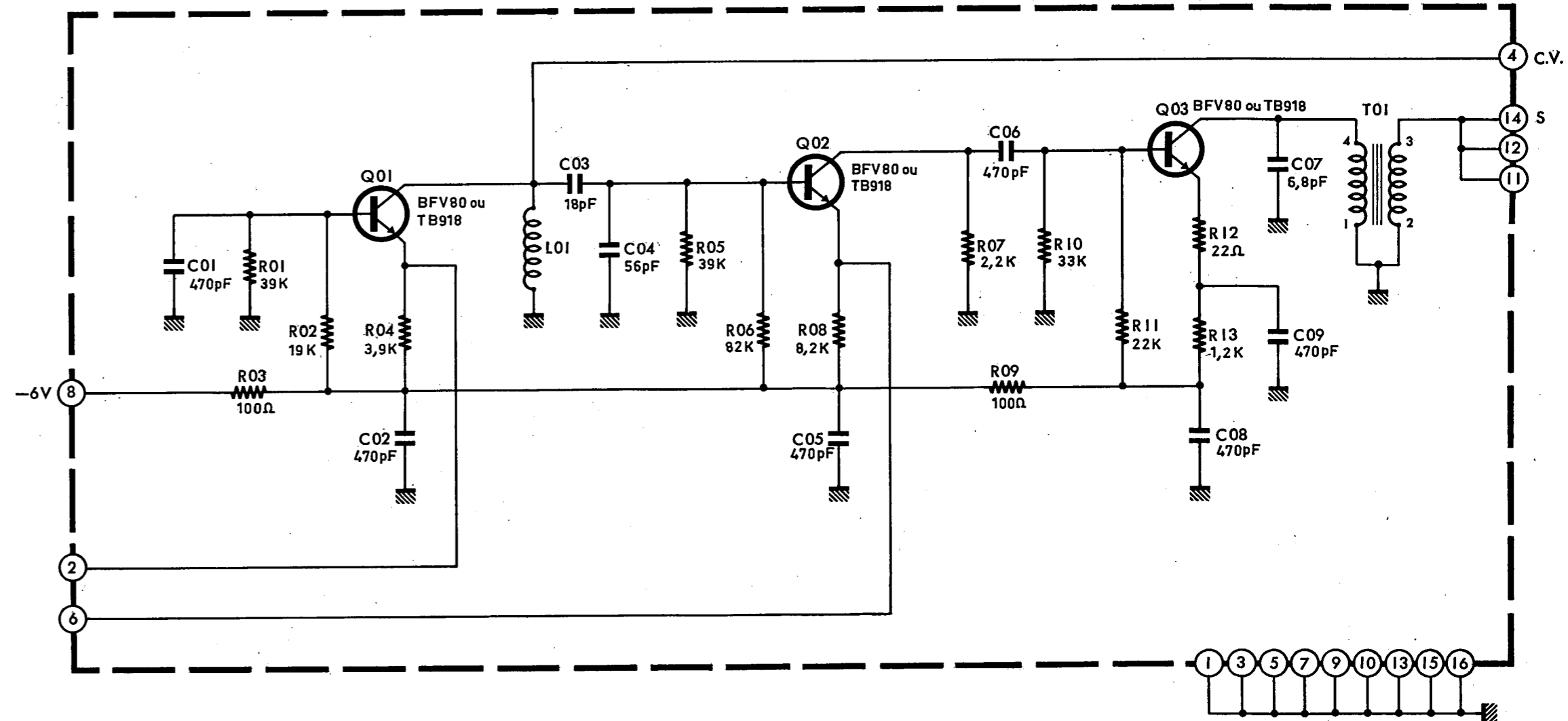
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Synthesizer No. 3 Board

Diagram of 100 MHz Oscillator Module

Z04

(A and B VERSION)

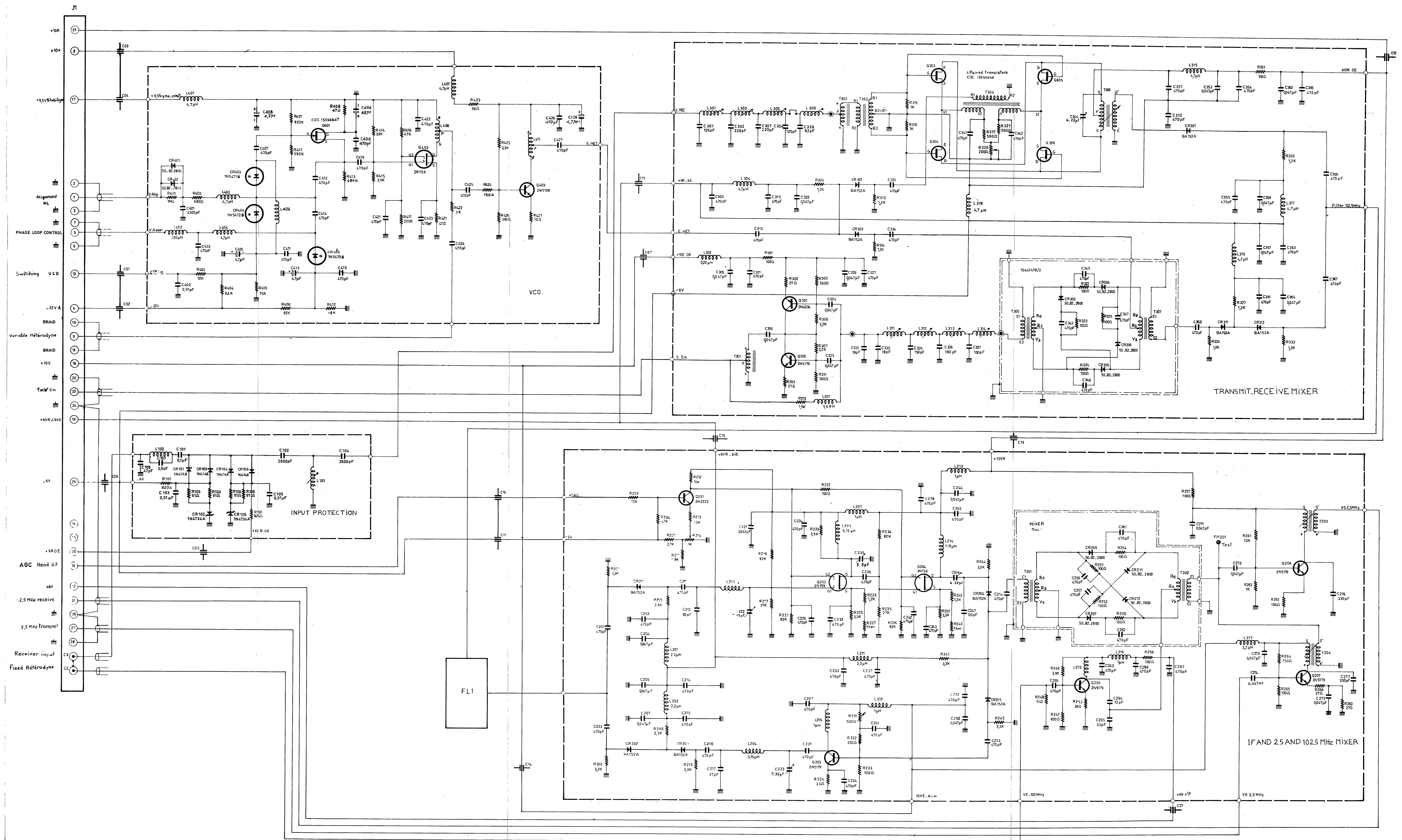


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HF UNIT

CIRCUIT DIAGRAM
(B VERSION)

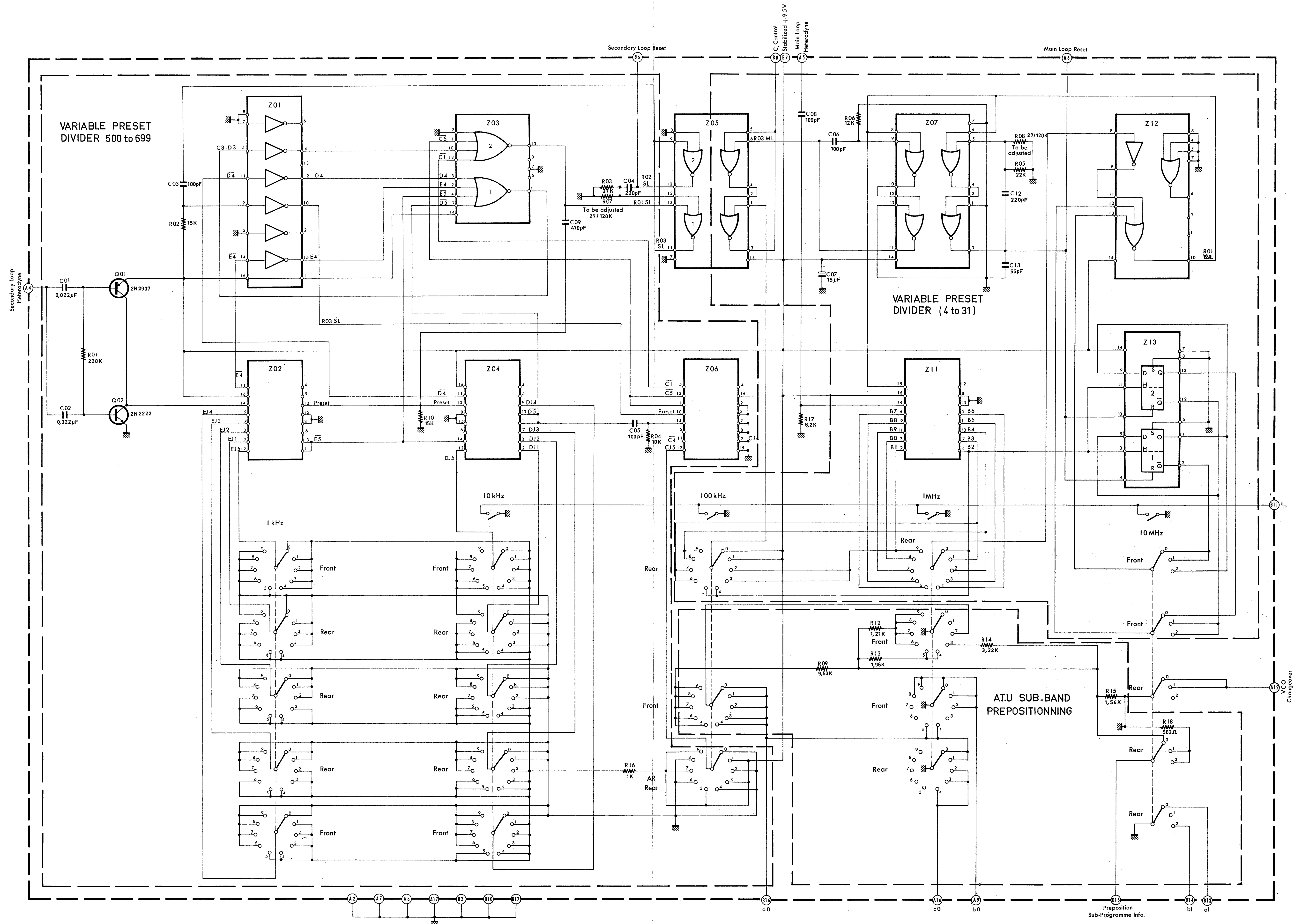


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Frequency Selector Board

Schematic Diagram

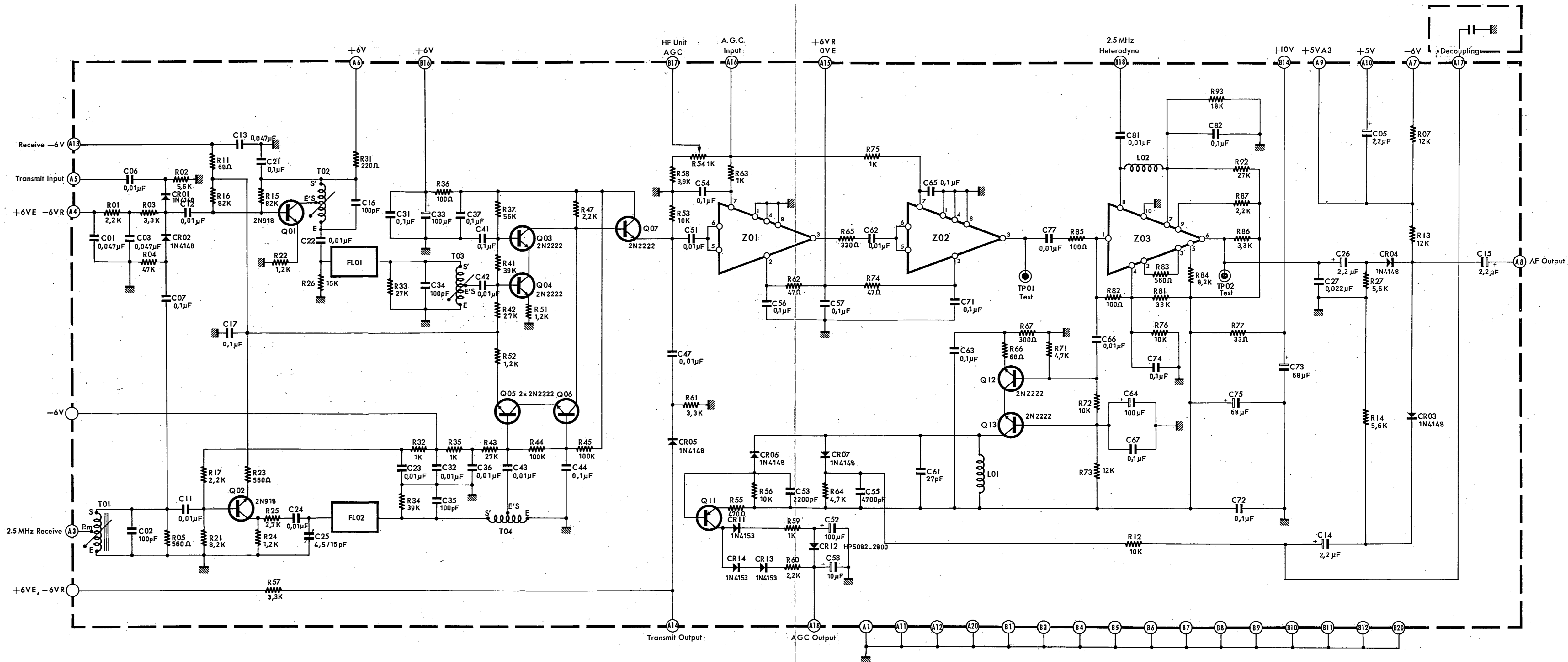
(A and B VERSION)



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Filter and 2.5 MHz IF Circuits Board

Schematic Diagram (A and B VERSION)



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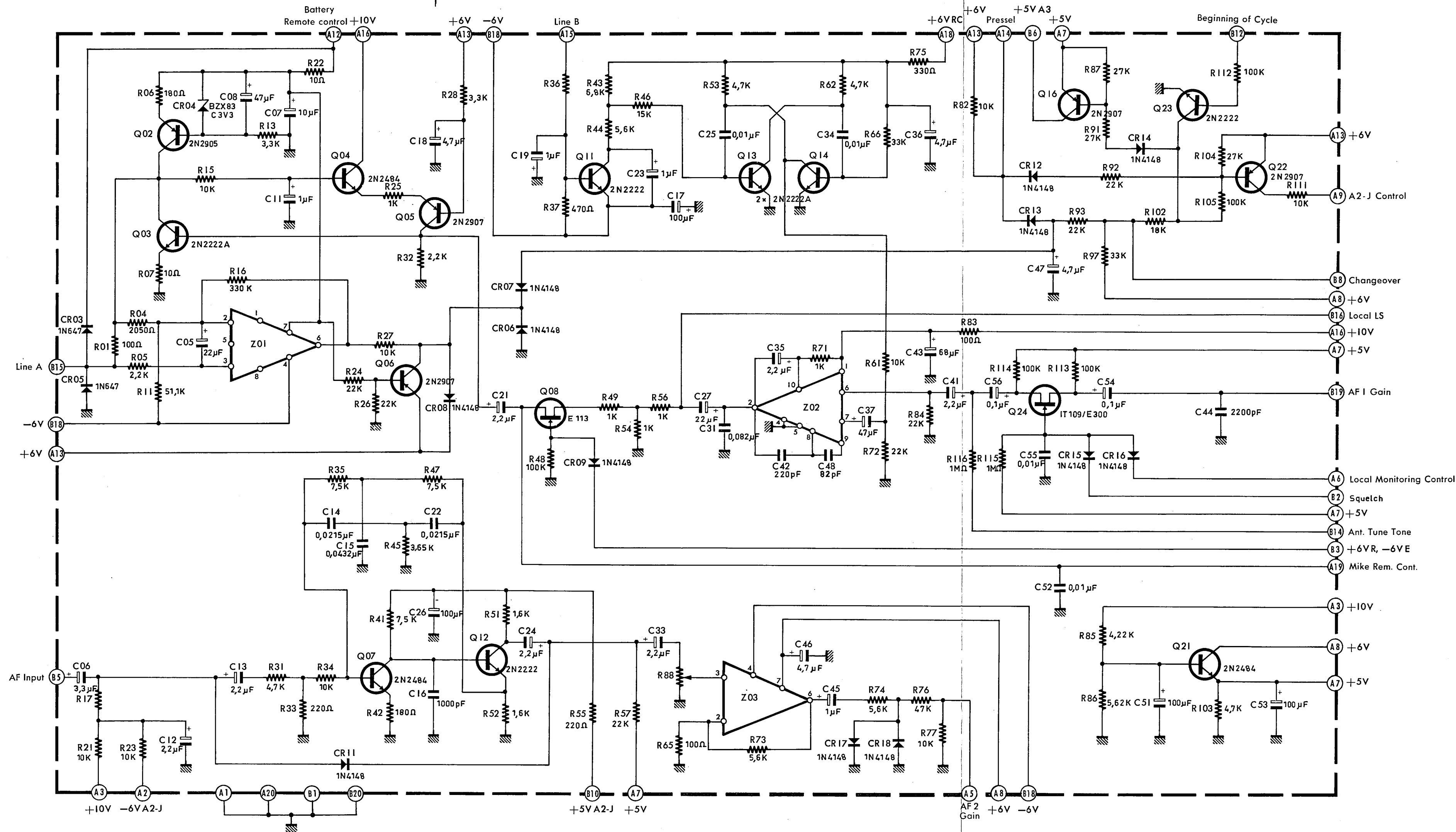
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AF Board

Schematic Diagram

(A VERSION)



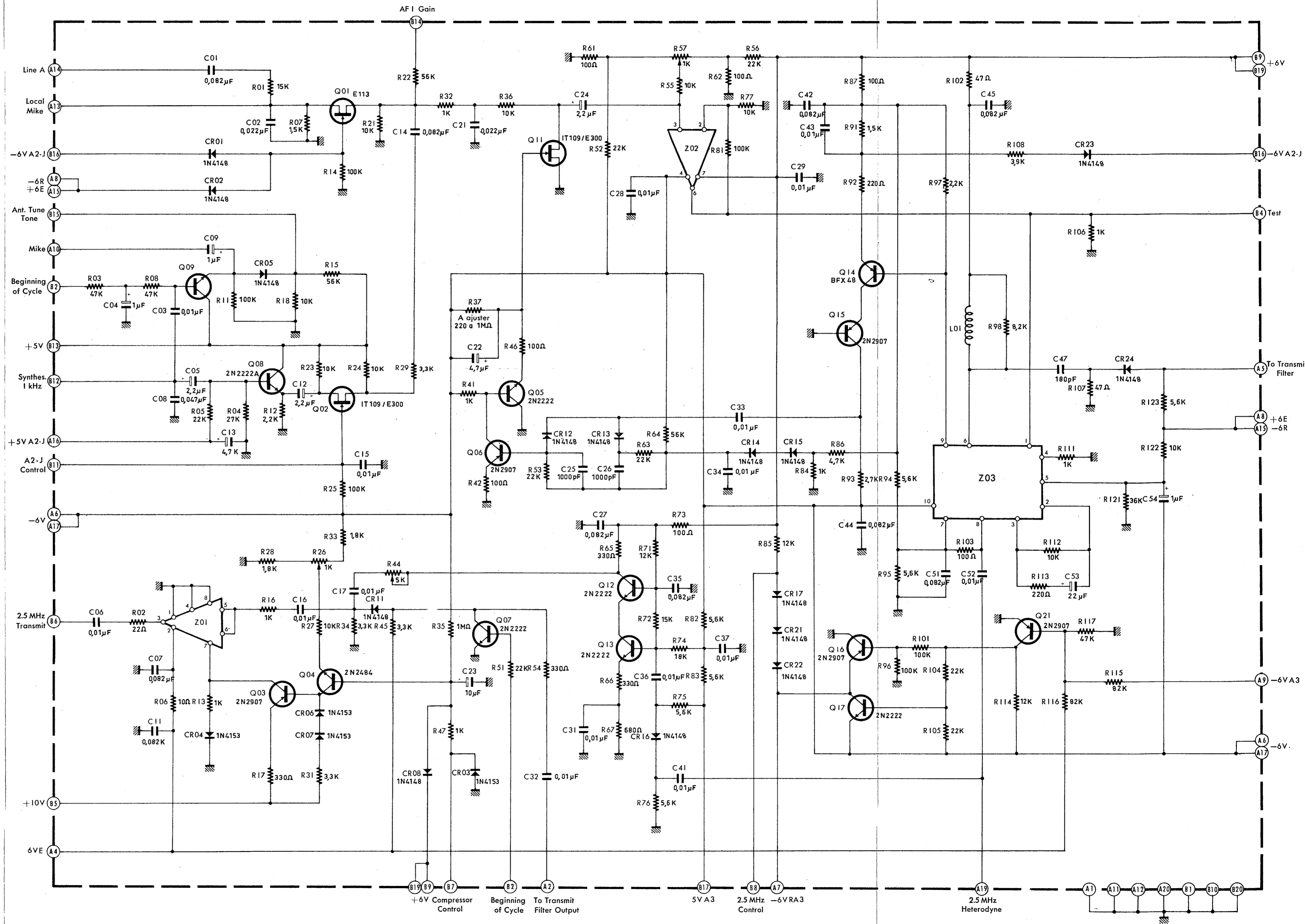
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Exciter Board

Schematic Diagram

(A and B VERSION)



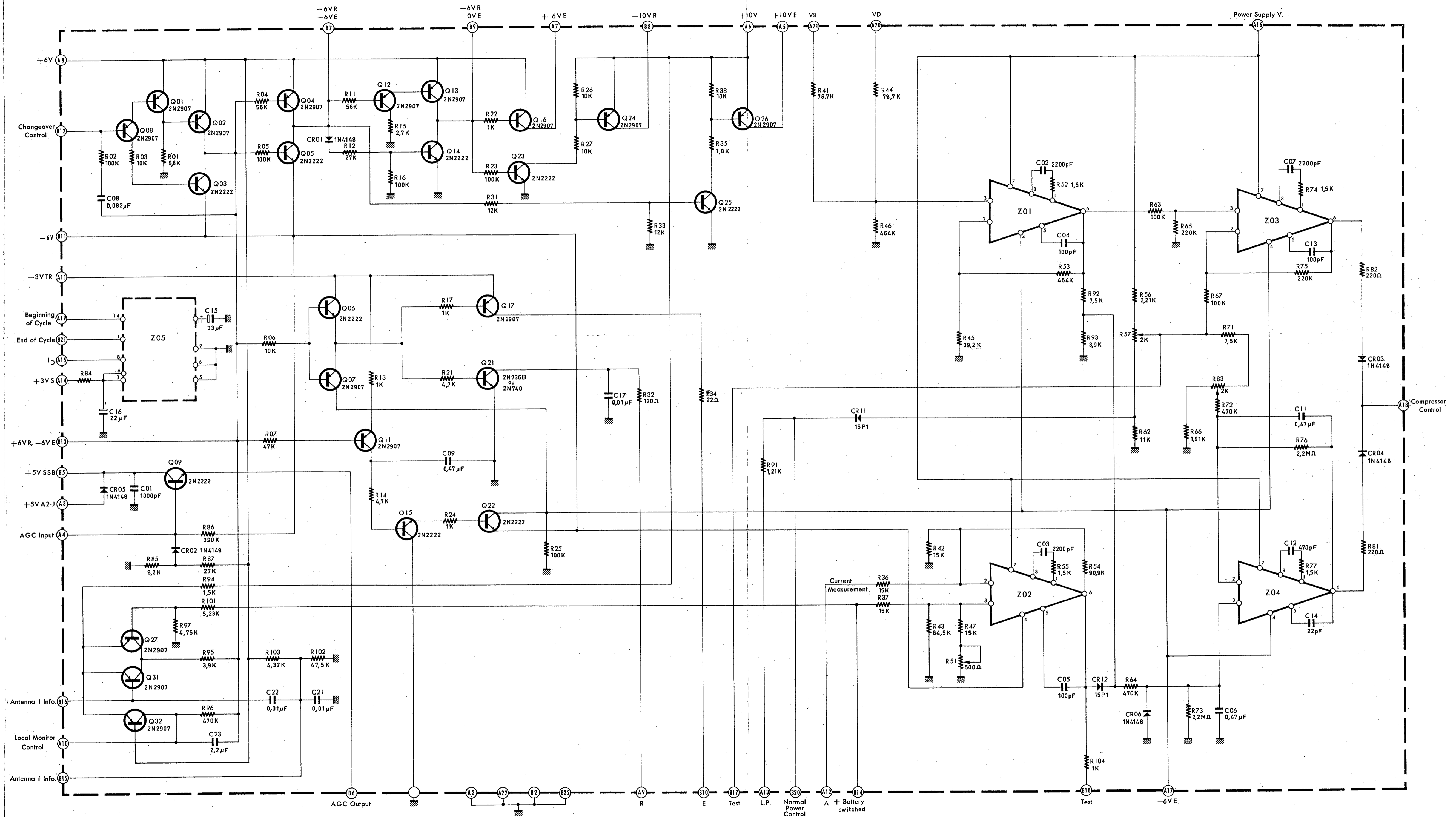
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Peripheral Circuits Board

Schematic Diagram

(A and B VERSION)

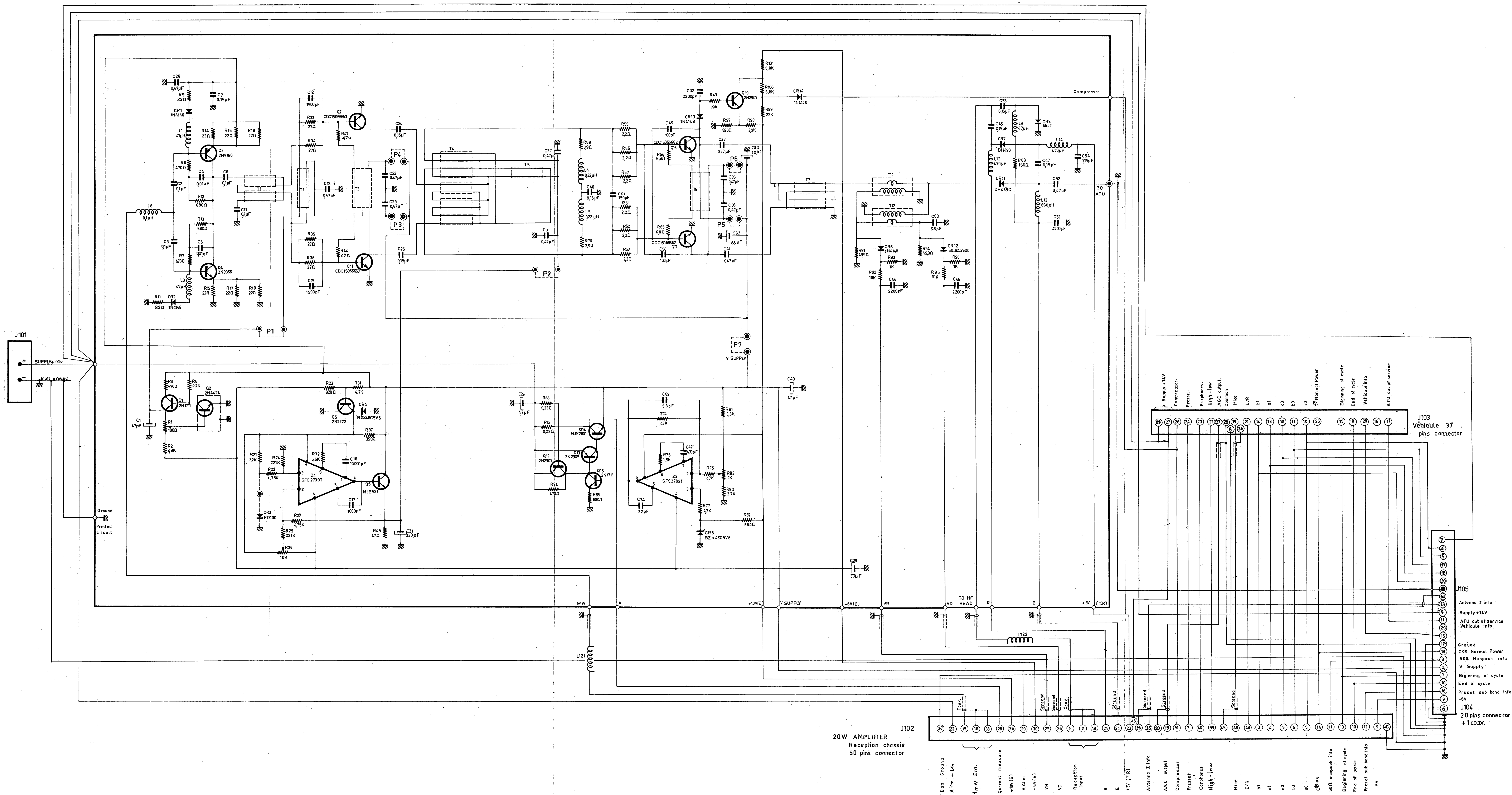


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20 W AMPLIFIER
CIRCUIT DIAGRAM

(A and B VERSION)



20W AMPLIFIER
Reception chassis
50 pins connector

- 27 Beep Ground
- 26 Antenn +14v
- 25 1mW Em.
- 24 Current measure
- 23 +10V(IE)
- 22 V.Alim
- 21 -5V(IE)
- 20 VR
- 19 VD
- 18 Reception input
- 17 Ground
- 16 Ground
- 15 Ground
- 14 Ground
- 13 Ground
- 12 Ground
- 11 Ground
- 10 Ground
- 9 Ground
- 8 Ground
- 7 Ground
- 6 Ground
- 5 Ground
- 4 Ground
- 3 Ground
- 2 Ground
- 1 Ground
- 0 Ground
- Antenna I. info
- AAC output
- Compressor
- Pre-set
- Erphones
- High - low
- Mike
- E/R
- b1
- a1
- c0
- sw
- sw
- a0
- c0F.PN
- 50R. manpack info
- Beginning of cycle
- End of cycle
- End of cycle
- Pre-set sub band info
- 5V

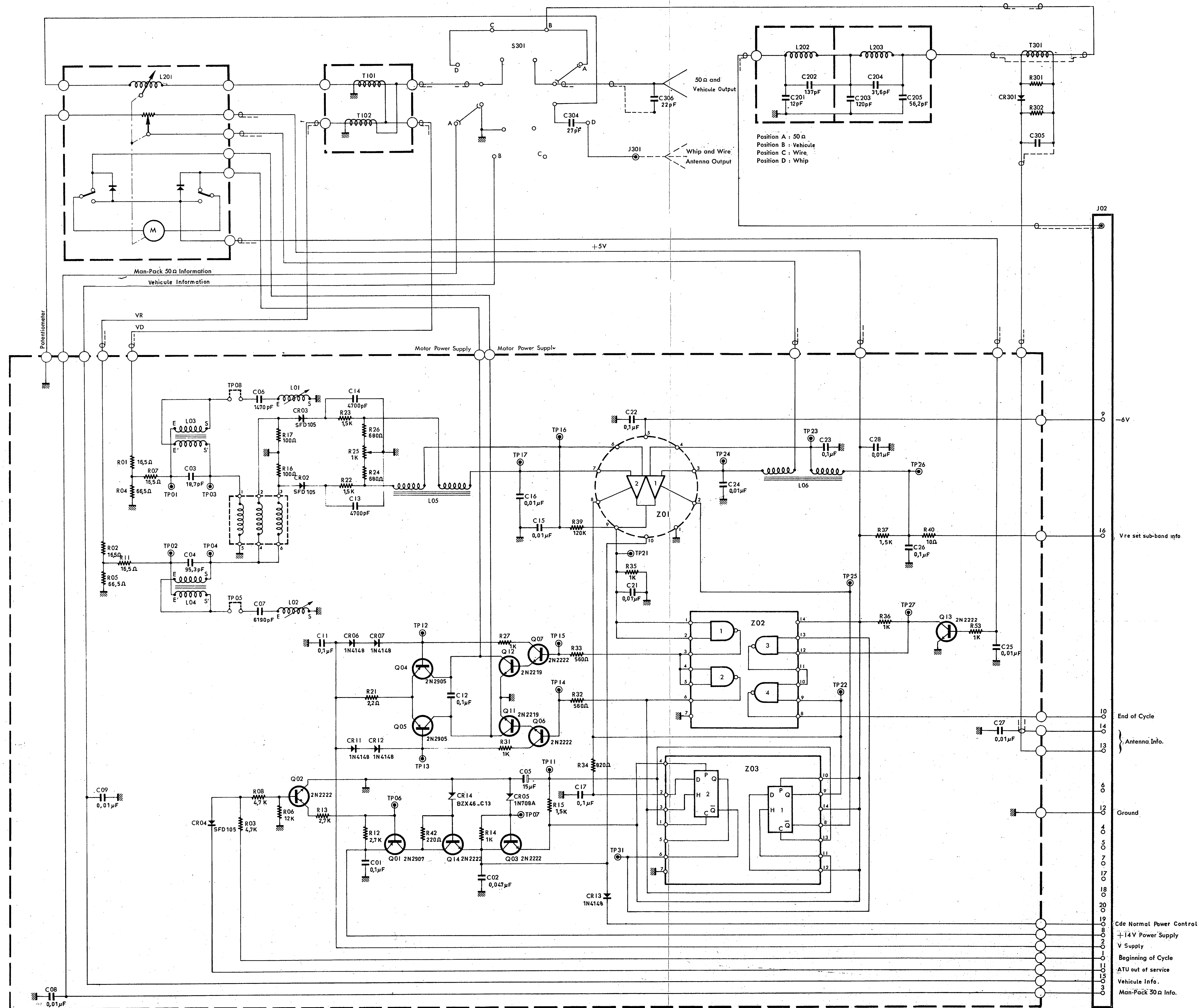
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Antenna Tuning Unit

Schematic Diagram

(A and B VERSION)



TRANSCEIVER

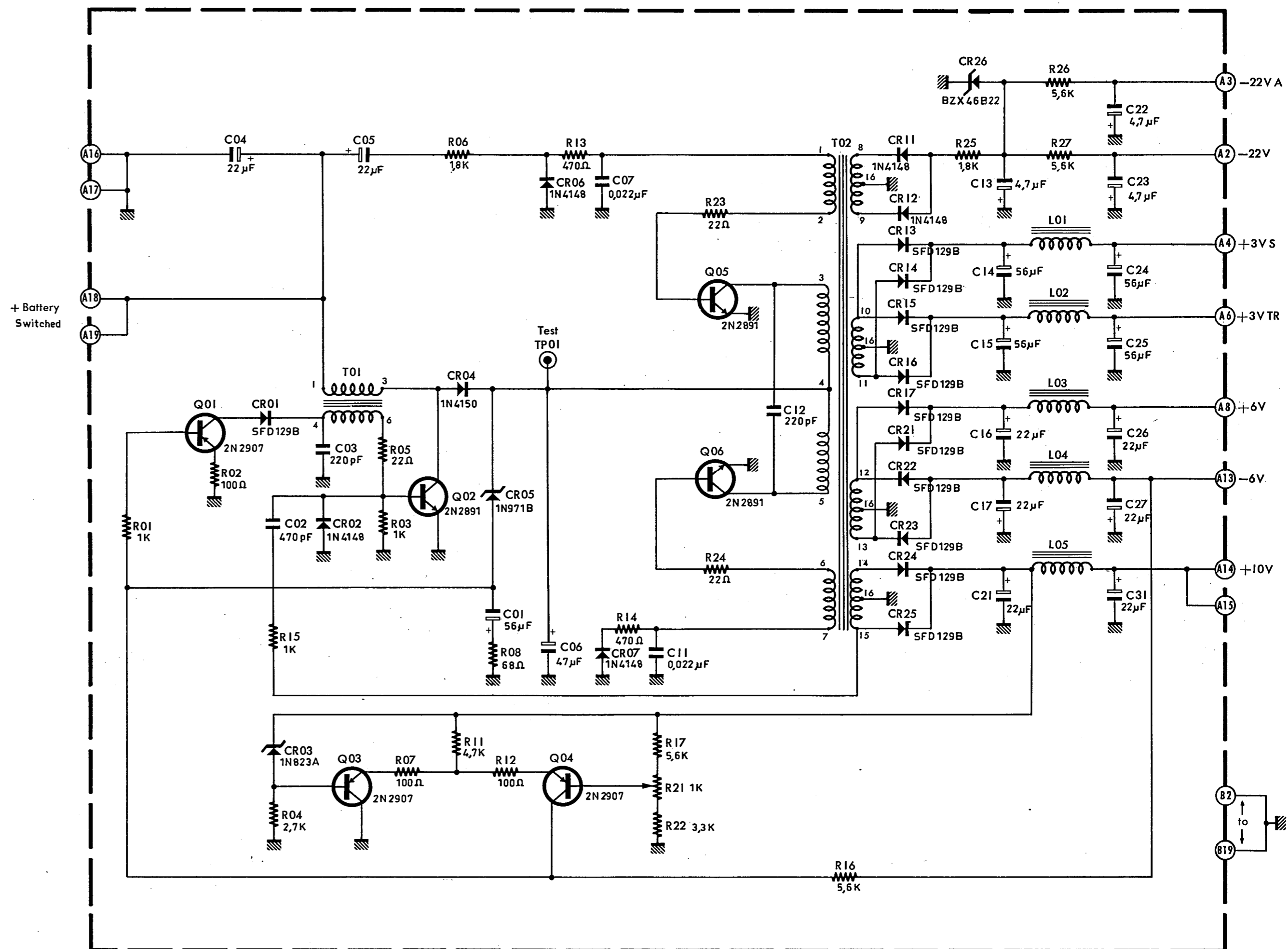
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Converter Unit

Schematic Diagram

(A and B VERSION)



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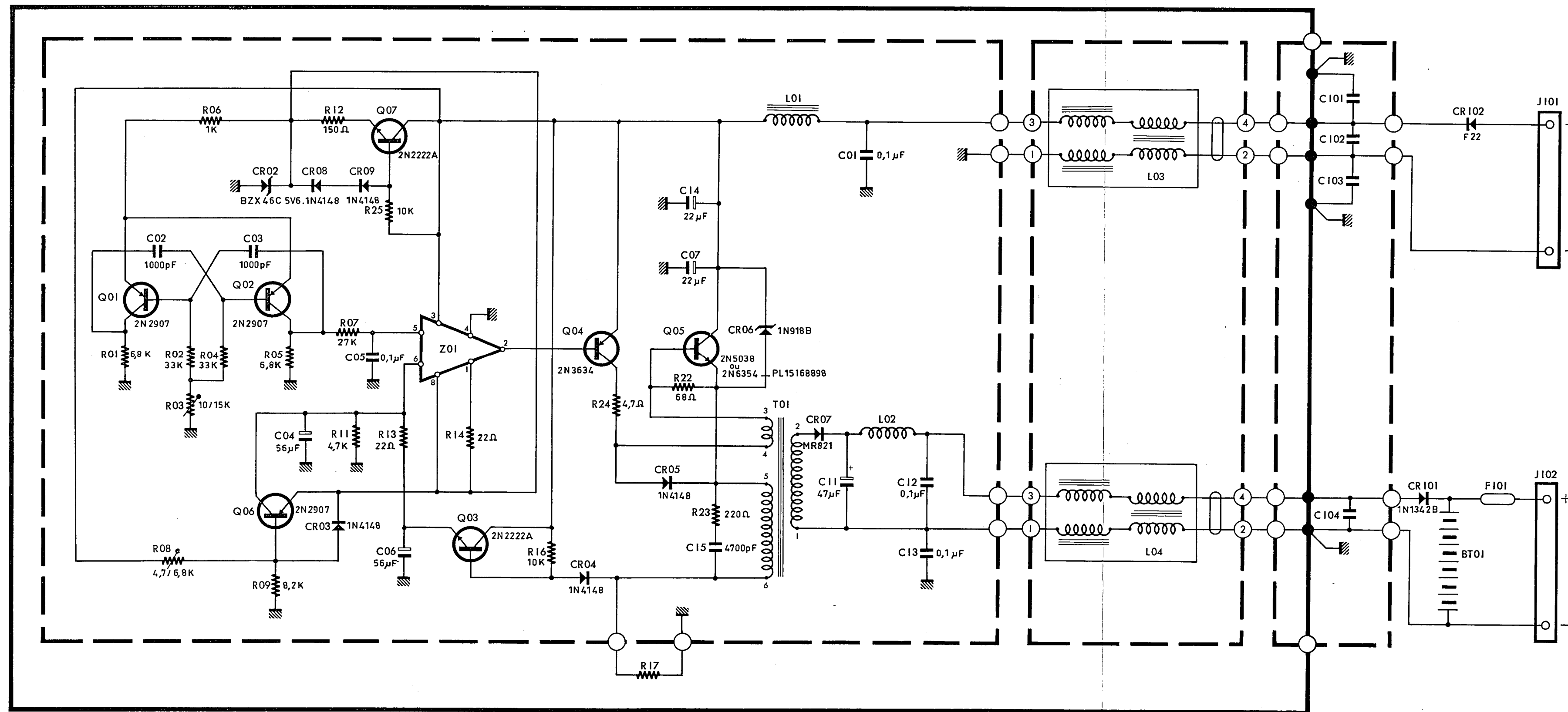
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Battery Unit

Diagram of Charger

(A and B VERSION)



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Remote Control Unit

Schematic Diagram

(B VERSION)

