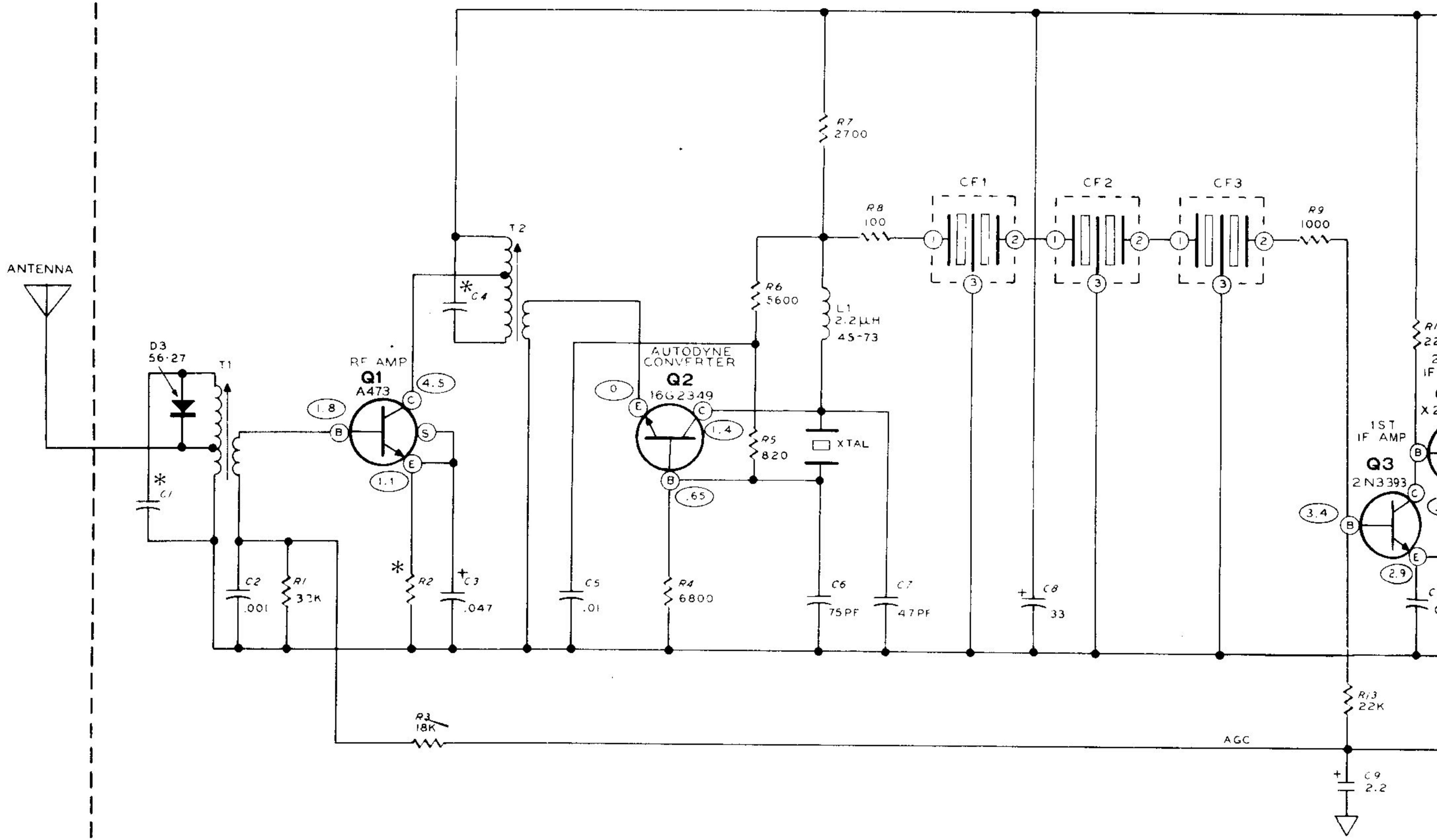
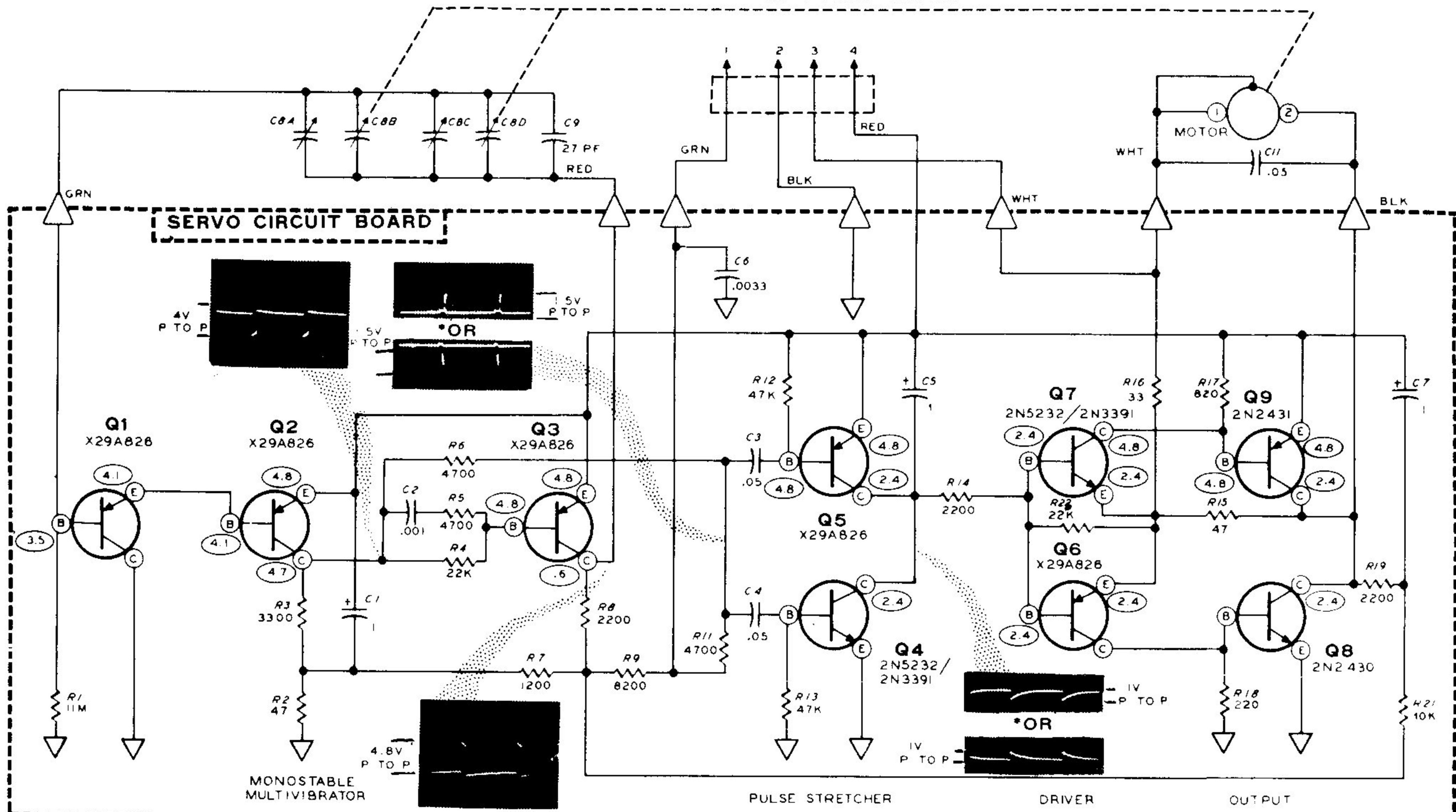


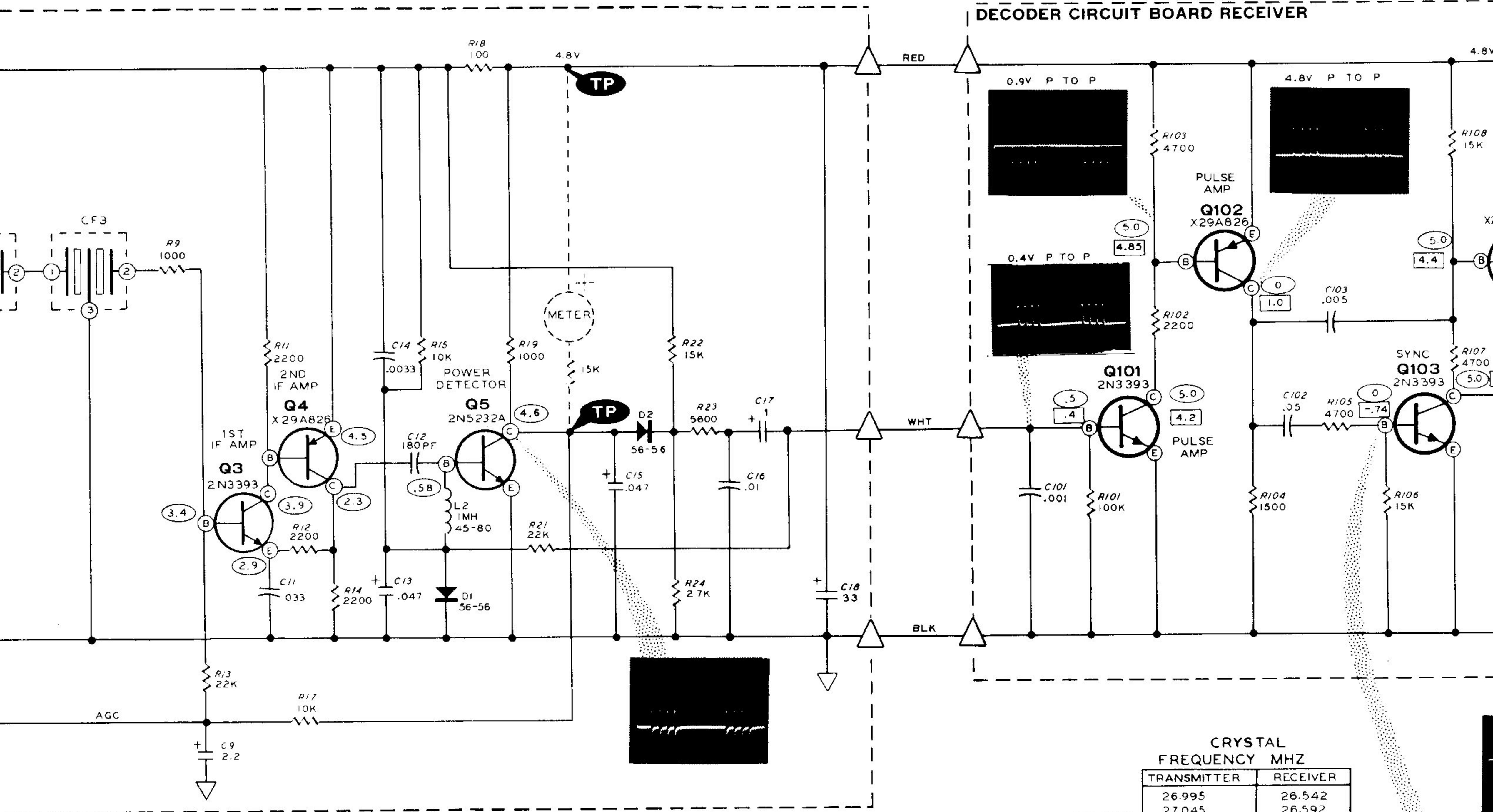
RECEIVER CIRCUIT BOARD



*	C1	C4	R2
27 MHZ	47PF	47PF	470
53-72 MHZ	27PF	27PF	2700

GEAR-TRAIN COUPLED

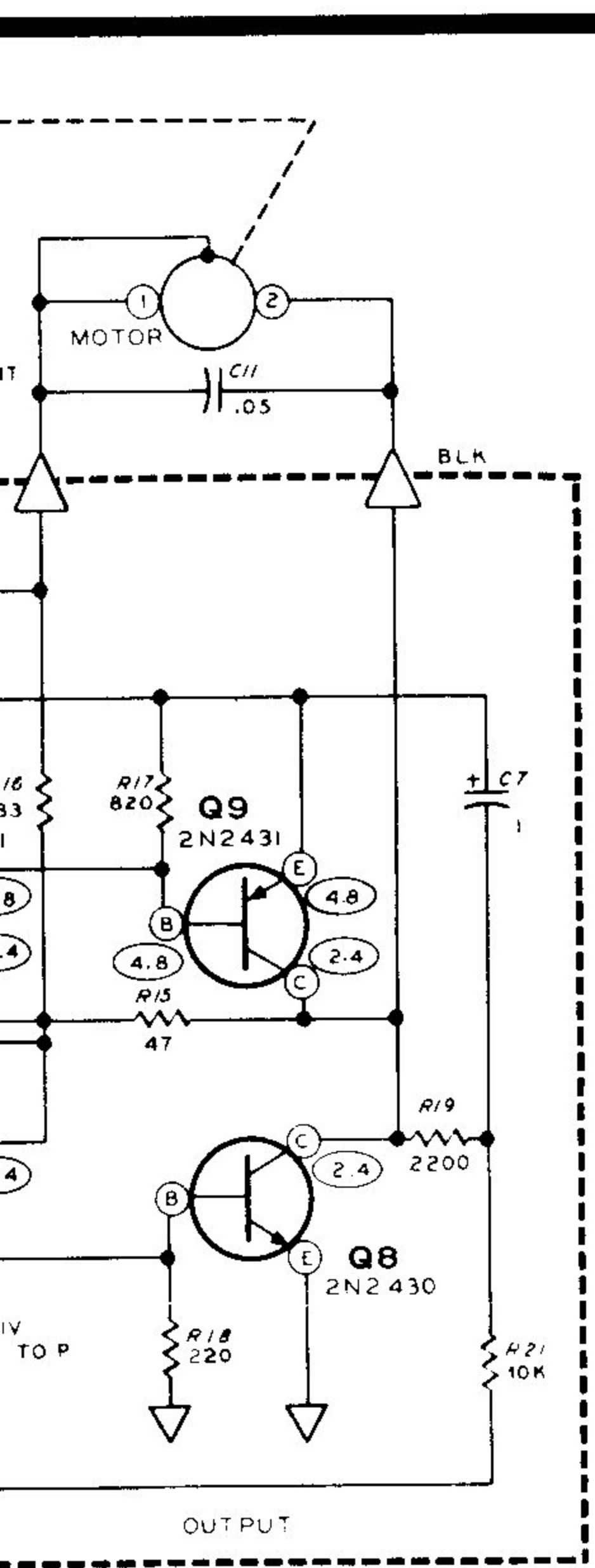




DECODER CIRCUIT BOARD RECEIVER

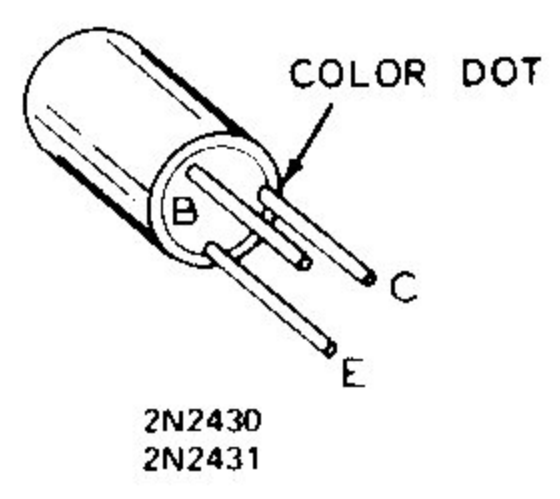
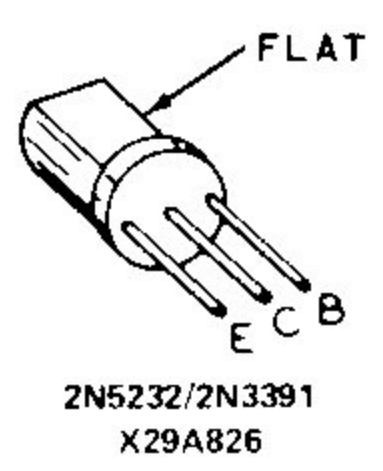
CRYSTAL FREQUENCY MHZ

TRANSMITTER	RECEIVER
26.995	26.542
27.045	26.592
27.095	26.642
27.145	26.692
27.195	26.742
53.100	26.3235
53.200	26.3735
53.300	26.4235
53.400	26.4735
53.500	26.5235
72.040	36.2665
72.120	36.3465
72.200	36.4265
72.480	36.7065
72.820	37.5935



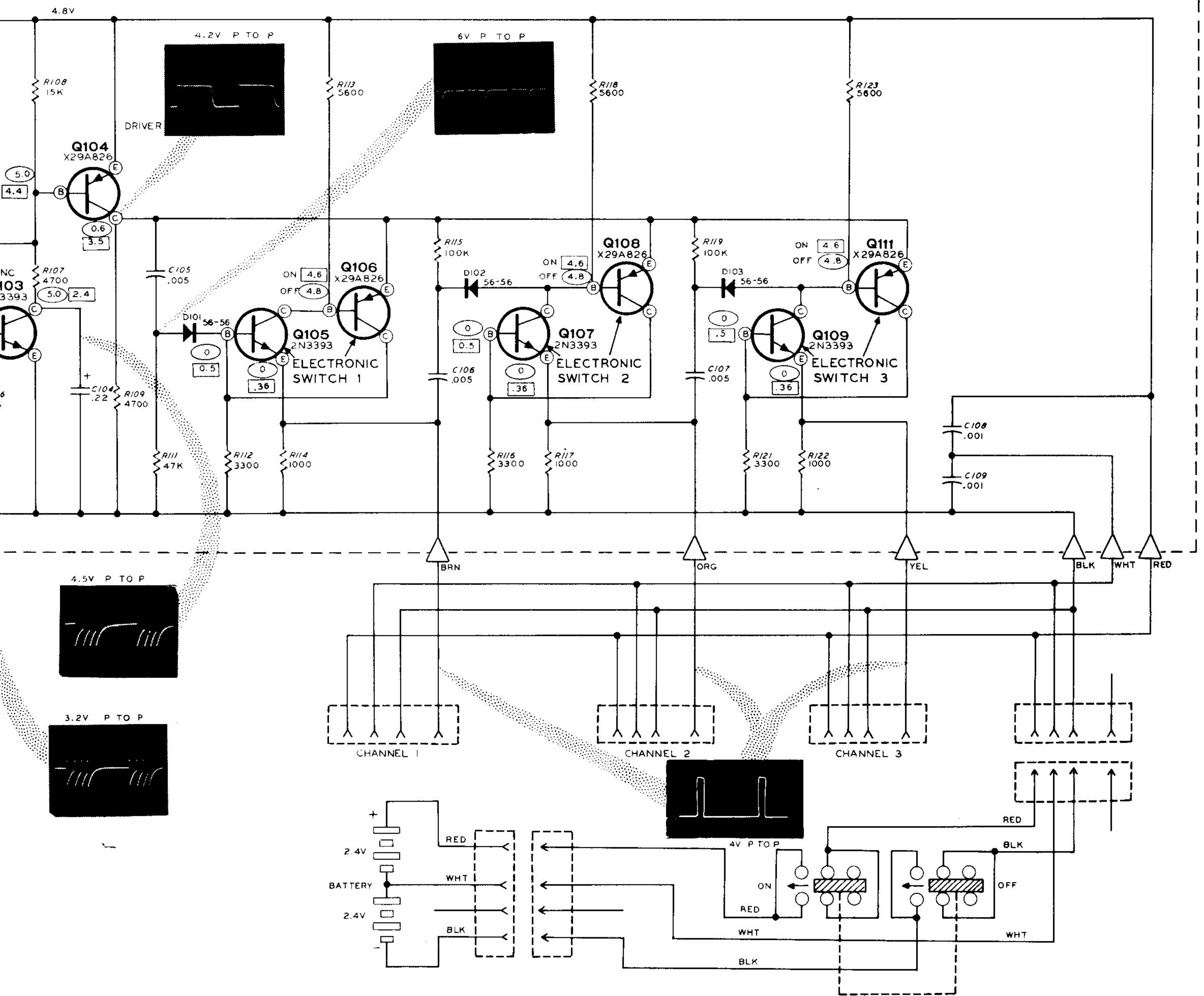
SCHEMATIC OF THE  
HEATHKIT  
DIGITAL PROPORTIONAL SERVO  
MODEL GDA-19-4

- ALL RESISTORS ARE 1/4 WATT. RESISTOR VALUES ARE IN OHMS (K = 1,000, M = 1,000,000).
- ALL CAPACITOR VALUES ARE IN  $\mu$ F UNLESS MARKED OTHERWISE.
- THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT WITH NO SIGNAL BEING RECEIVED.
- ALL VOLTAGES ARE MEASURED WITH A HIGH IMPEDANCE VOLTMEETER, FROM THE POINT INDICATED TO COMMON GROUND. VOLTAGES MAY VARY  $\pm 20\%$ .
- REFER TO THE SERVO PHOTOGRAPHS AND CIRCUIT BOARD X-RAY VIEW FOR THE PHYSICAL LOCATION OF PARTS.
- \* THESE WAVEFORMS SHOW THE DRIVE SIGNALS FOR BOTH DIRECTIONS.



SCHEMATIC OF  
HEATHKIT  
3-CHANNEL DIGITAL  
RECEIVER  
MODEL GDA





IC OF THE  
 THKIT®  
 TAL PROPORTIONAL  
 IVER  
 GDA-57-2

1. RESISTOR AND CAPACITOR NUMBERS ARE IN THE FOLLOWING GROUPS:

0-99 PARTS MOUNTED ON THE RECEIVER CIRCUIT BOARD.  
 100-199 PARTS MOUNTED ON THE DECODER CIRCUIT BOARD.

2. ALL RESISTORS ARE 1/4 WATT UNLESS MARKED OTHERWISE. RESISTOR VALUES ARE IN OHMS (K = 1,000).

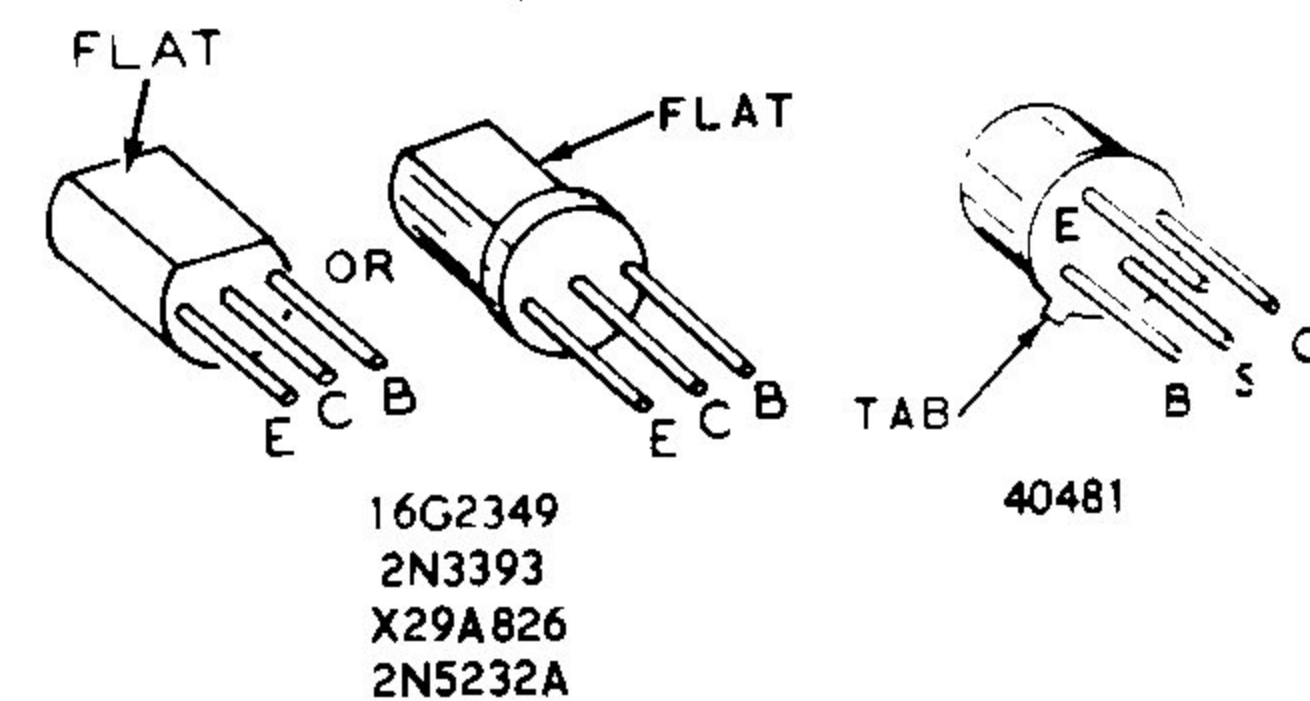
3. ALL CAPACITOR VALUES ARE IN μF UNLESS MARKED OTHERWISE.

4. ○ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT WITH NO SIGNAL BEING RECEIVED.

5. □ THIS SYMBOL INDICATES A POSITIVE DC VOLTAGE MEASUREMENT WITH SIGNAL BEING RECEIVED.

6. ALL VOLTAGES ARE MEASURED WITH A HIGH IMPEDANCE VOLTMETER, FROM THE POINT INDICATED TO COMMON GROUND. VOLTAGES MAY VARY ±20%.

7. REFER TO THE CIRCUIT BOARD X-RAY VIEWS FOR THE PHYSICAL LOCATION OF PARTS.



16G2349  
 2N3393  
 X29A826  
 2N5232A

40481