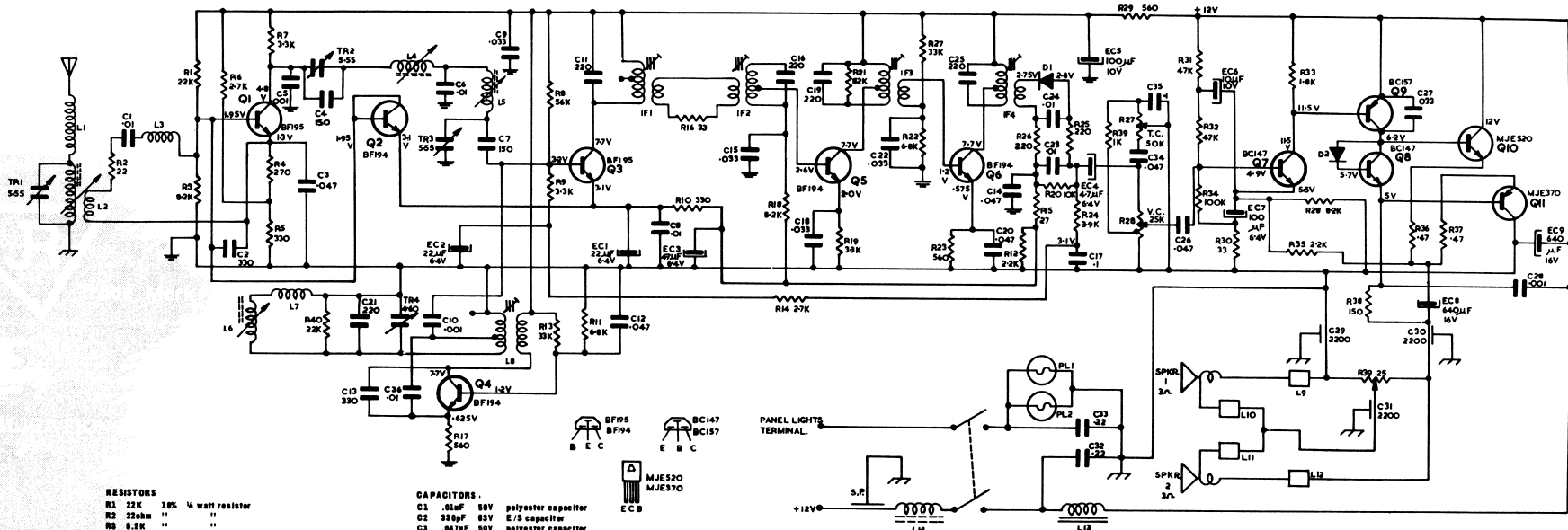


FERRIS II TRANSISTOR CAR RADIO MODEL T010



RESISTORS

| | | | |
|-----|-------------------|-------------------|-------------------------------|
| R1 | 22K | 10% | 1/4 watt resistor |
| R2 | 25ohm | " | " |
| R3 | 0.2K | " | " |
| R4 | 27ohm | " | " |
| R5 | 33ohm | " | " |
| R6 | 2.7K | " | " |
| R7 | 3.3K | " | " |
| R8 | 50K | " | " |
| R9 | 2.3K | " | " |
| R10 | 33ohm | " | " |
| R11 | 0.8K | " | " |
| R12 | 2.2K | " | " |
| R13 | 33K | " | " |
| R14 | 2.7K | " | " |
| R15 | 27ohm | " | " |
| R16 | 33ohm | " | " |
| R17 | 50ohm | " | " |
| R18 | 0.2K | " | " |
| R19 | 3.3K | " | " |
| R20 | 10K | " | " |
| R21 | 82K | " | " |
| R22 | 0.8K | " | " |
| R23 | 50ohm | " | " |
| R24 | 3.9K | " | " |
| R25 | 22ohm | " | " |
| R26 | 22ohm | " | " |
| R27 | 50K potentiometer | " | " |
| R28 | 20K | " | tapped at 8K, concentric R28B |
| R29 | 50ohm 10% | 1/4 watt resistor | " |
| R30 | 33ohm | " | " |
| R31 | 47K | " | " |
| R32 | 47K | " | " |
| R33 | 1.0K | " | " |
| R34 | 100K | " | " |
| R35 | 2.2K | " | " |
| R36 | .67ohm BW1/2 | resistor | " |
| R37 | .47ohm | " | " |
| R38 | 150ohm 10% | 1/4 watt resistor | " |
| R39 | 25ohm | w/w potentiometer | " |
| R40 | 22K | " | " |

CAPACITORS

| | | | |
|-----|---------|-------------------|---------------------|
| C1 | .01uF | 50V | polyester capacitor |
| C2 | .02uF | 63V | E/S capacitor |
| C3 | .047uF | 50V | polyester capacitor |
| C4 | 150pF | 63V | E/S capacitor |
| C5 | .001uF | 50V | polyester capacitor |
| C6 | .01uF | " | " |
| C7 | 150pF | 63V | E/S capacitor |
| C8 | .01uF | 50V | polyester capacitor |
| C9 | " | " | " |
| C10 | .001uF | 50V | " |
| C11 | 220pF | 63V | E/S capacitor |
| C12 | .047uF | 50V | polyester capacitor |
| C13 | .01uF | 50V | polyester capacitor |
| C14 | .047uF | 50V | polyester capacitor |
| C15 | .022uF | 50V | polyester capacitor |
| C16 | .022uF | 63V | E/S capacitor |
| C17 | .1uF | 50V | polyester |
| C18 | .033uF | 50V | polyester |
| C19 | 220pF | 63V | E/S capacitor |
| C20 | .047uF | 50V | polyester |
| C21 | 220pF | 63V | E/S capacitor |
| C22 | .020uF | 50V | polyester |
| C23 | .01uF | 50V | polyester |
| C24 | .01uF | 50V | polyester |
| C25 | " | " | " |
| C26 | .01uF | 50V | polyester |
| C27 | .047uF | 50V | polyester |
| C28 | .033uF | 50V | polyester |
| C29 | .0022uF | ceramic feed thru | " |
| C30 | .0022uF | " | " |
| C31 | .0022uF | " | " |
| C32 | .22uF | 50V | PML capacitor |
| C33 | .22uF | 50V | PML capacitor |
| C34 | .047uF | 50V | polyester |
| C35 | .1uF | 50V | polyester |
| C36 | .01uF | 50V | polyester |

TRIMMERS

| | | | |
|-----|-------|---------|-------------------|
| TR1 | 5-55P | 2 plate | 3057S MSP trimmer |
| TR2 | 5-55P | 2 plate | C.W.A. trimmer |
| TR3 | 5-55P | 2 plate | C.W.A. trimmer |
| TR4 | 4-85P | trimmer | type G018-BA08E |

ELECTROLYTICS

| | | | |
|-----|-------|------|--------------|
| EC1 | 22uF | 6.4V | Electrolytic |
| EC2 | 22uF | 6.4V | " |
| EC3 | 4.7uF | 6.4V | " |
| EC4 | 4.7uF | 6.4V | " |
| EC5 | 100uF | 10V | " |
| EC6 | 100uF | 10V | " |
| EC7 | 100uF | 10V | " |
| EC8 | 440uF | 16V | " |
| EC9 | 440uF | 16V | " |

INDUCTORS

| | | |
|----------------|------------|------------------------|
| L1 | L100 | airial choke |
| L2, L4, L5, L6 | Teaser | push-button type SK338 |
| L3 | bead choke | " |
| L7 | 50H | padding choke SK338 |
| L8 | 7203 | padding coil |
| L9 | bead choke | " |
| L10 | " | " |
| L11 | " | " |
| L12 | " | " |
| L13 | LF | choke 8134 |
| L14 | HF | choke 828 |
| IF1 | 455KHz | transformer 8164 |
| IF2 | 455KHz | " 8165 |
| IF3 | 455KHz | " 8166 |
| IF4 | 455KHz | " 8167 |

TRANSFORMERS & DIODES

| | | | |
|-----|-----------|----------|-------|
| PL1 | Dial lamp | 12V 2W | green |
| PL2 | Dial lamp | 12V 2W | green |
| Q1 | BF196 | or AS320 | |
| Q2 | BF196 | or AS302 | |
| Q3 | BF196 | or AS320 | |
| Q4 | BF196 | or AS302 | |
| Q5 | BF194 | or AS302 | |
| Q6 | BF196 | or AS302 | |
| Q7 | BC147 | or AS147 | |
| Q8 | BC157 | or AS157 | |
| Q9 | MJE370 | | |
| Q10 | MJE370 | | |
| Q11 | MJE370 | | |

Band coverage 820-3020KHz
 IF Frequency 455KHz
 Total battery current 45mA (not including dial lamp)
 All resistors 1/4 watt unless otherwise stated.
 All resistor values in ohms.
 All voltages checked with 20,000 O.P.V. meter at zero signal input.

D1 AN2002 diode
 D2 AN2000 diode