

# TF166 PARTS LIST

## MISCELLANEOUS

| REFERENCE                  | DESCRIPTION                 | PART NO. | PRICE |
|----------------------------|-----------------------------|----------|-------|
| CHASSIS MOUNTED COMPONENTS |                             |          |       |
| CR1, CR2                   | Diode, Zener 15V, 1W, 10%   | 50C4-11  | .50   |
| I1                         | Neon bulb with holder       | 20A7     | .50   |
| J1-J4                      | Banana Jack (specify color) | 26G113   | .25   |
| M1                         | Meter, 100uA, 1900 ohms     | 23C47    | 24.00 |
| R1                         | Control, dual, 10K/100 ohms | 15C1-27  | 1.75  |
| R2                         | Resistor, 1.8K, 10W, 10%    | 14A52-12 | .25   |
| R3                         | Control, 10K                | 15C1-23  | .75   |
| T1                         | Transformer, beta test      | 28B52    | 6.00  |
| T2                         | Transformer, Gm test        | 28B51    | 7.00  |

## FUNCTION BOARD COMPONENTS

|                |                             |            |       |
|----------------|-----------------------------|------------|-------|
|                | Function board assembly     | 143A51     | 67.00 |
| C102           | Capacitor, 10uF, 15V        | 24G120     | .25   |
| C103           | Capacitor, 500uF, 3V        | 24G92      | .50   |
| C104           |                             |            |       |
| C105           | Capacitor, 50uF, 35V        | 24G206     | .50   |
| C106           | Capacitor, 250uF, 15V       | 24G111     | .50   |
| CR101, 111,    |                             |            |       |
| 113            | Rectifier, 1A, 400PIV       | 16S10      | .50   |
| CR102, 103     | Diode, zener 12V, 10%       | 50C4-3     | .50   |
| CR104, 105     | Diode, 1N34A                | 50C3-1     | .25   |
| CR106, 107     |                             |            |       |
| 108, 109, 110  |                             |            |       |
| 112, 115, 116, |                             |            |       |
| 117            | Diode, 1N4148               | 50C5-2     | .25   |
| CR114          | Diode, zener, 6.2V, 5%      | 50C2-1     | .50   |
| IC1            | OP AMP "741"                | 69A1       | 1.50  |
| R101, 102      |                             |            |       |
| 108            | Resistor, 40 ohm 1/2W, 1%   | 14C29-4001 | .75   |
| R104           | Control, 25K Vert., PC      | 15C7-12    | .50   |
| R106, 120      | Control, 100 ohm, Vert., PC | 15C7-9     | .50   |
| R107           | Resistor, 3.8 ohm, 1/2W, 1% | 14C29-3800 | .75   |
| R112           | Resistor, 150 ohm, 5W, 10%  | 14B49-9    | .25   |
| R114, 115      | Resistor, 180 ohm, 1/2W, 5% | 14C4-181   | .25   |
| R116           | Resistor, 100 ohm, 1/2W, 1% | 14C29-1002 | .75   |
| R118           | Resistor, 250 ohm, 5W, 10%  | 14B49-11   | .25   |
| R122           | Resistor, 7.5 ohm, 1/2W, 5% | 14C5-75    | .25   |
| TR101, 102     | Transistor, 2N5172          | 19A4-1     | .50   |

## TYPE SELECTOR BOARD COMPONENTS

|           |                              |            |       |
|-----------|------------------------------|------------|-------|
|           | Type selector board assembly | 143A50     | 28.00 |
| R201, 206 | Resistor, 40 ohm, 1/2W, 1%   | 14C29-4001 | .75   |
| R202, 207 | Resistor, 8 ohm, 1/2W, 1%    | 14C29-8000 | .75   |
| R203, 208 | Resistor, 2.1 ohm, 1/2W, 1%  | 14C29-2100 | .75   |
| R204, 209 | Resistor, .67 ohm, 1/2W, 1%  | 14C29-670  | .75   |

|                               |         |       |
|-------------------------------|---------|-------|
| Escutcheon                    | 8A73    | 1.50  |
| Knob .713 O.D.                | 21A40   | 1.50  |
| Line Cord                     | 27G12   | 1.25  |
| Cable assembly BD to BD       | 39G48   | 4.00  |
| Cable assembly Cal pot to BD  | 39G49   | 1.75  |
| Cable assembly Zero pot to BD | 39G50   | 3.50  |
| Test lead assembly            | 39G51   | 6.00  |
| Case complete                 | 110C278 | 21.50 |

Prices in effect at date of printing and are subject to change without notice. When ordering parts, please specify model number, part number, and description. Minimum billing \$2.00.