

Dintree D104 Four Voltages

Parts List

| <u>Identifier</u> | <u>Value</u> | <u>Physical Detail</u> | <u>Req. Qty.</u> | <u>Notes</u> |
|----------------------|---------------------------------|------------------------|------------------|--------------|
| <u>Resistors</u> | | | | |
| R5,6,7,8 | 5K linear pot | 0.281" hole | 4 | |
| R1,2,3,4 | 100R 1/4W resistor | 0.400" lead spacing | 4 | |
| R9,10,11,12 | 1K 1/4W resistor | 0.400" lead spacing | 4 | |
| R13,14,15,16 | 100K 1/4W resistor | 0.400" lead spacing | 4 | |
| <u>Capacitors</u> | | | | |
| C3,4,5,6,7 | 0.1uF ceramic capacitor | 0.100" lead spacing | 5 | |
| C1,2 | 10uF 25V electrolytic capacitor | 2.54mm x 5mm | 2 | |
| <u>Semiconductor</u> | | | | |
| D1,2 | 1N5817 schottky diode | DO-41 | 2 | |
| U1,2 | TL082 dual op amp | 8DIP 0.300 | 2 | |
| U3 | LM78L05 +5V 100mA regulator | TO-92 | 1 | |
| <u>Misc.</u> | | | | |
| JACK1,2,3,4 | panel mounted mini jack | see datasheet | 4 | |
| X1 | 16 pin (8x2) header pins | 0.100" pitch | 1 | |
| X2 | board to panel connections | n/a | 1 | |
| SOCKET1,2 | 8 pin DIP socket | 8DIP 0.300 | 2 | |
| PCB | prototyping PCB | n/a | 1 | |
| PANEL | blank panel | 8HP | 1 | |
| KNOB1,2,3,4 | plastic knob | n/a | 4 | |
| HARDWARE | PCB mounting hardware | n/a | 1 | |