

## TEC-1F Ultimate Expansion Board BOM

Component	Package	Quantity	Value / Size
Resistor	Carbon/Metal Film	8	270Ω
Resistor	Carbon/Metal Film	3	36k
Resistor	Carbon/Metal Film	3	360k
Trimpot	Trimpot Vertical	1	10k
Capacitor	Monolithic Ceramic	2	100nF
Switch	Tactile	1	6mm
Switch/Header	Male Pin Header x3 or Micro Switch	4	SW_SPDT
Switch	4 Position DIP Switch	1	SPST
Header	Male Headers	20	2.54mm spacing
Header	Female Headers	48	2.54mm spacing
IC	DIP-16 - CMOS Hex Inverter	1	CD4049
IC	DIP-20 - 8 Bit Register Latch	2	74HC273
IC	DIP-18 - Darlington Array	1	ULN2803
IC	DIP-14 - D Type Flip-Flop	1	74HC74
LCD	16 Pin LCD Module	1	16x2 or 20x4
LED	8x8 LED Matrix 32 x 32mm Common Anode	1	LED 3.0mm
SOCKET	DIP-28	1	Expansion Socket