

ITC V 1.3 BOM

Description	Ref	Qty	Cost	Ext	Supplier	Part No.	
ITC PCB	PCB1	1	0.25	0.25	MRCS	ITC	
AtTiny85	U1	1	1.03	1.03	Digikey	ATTINY85-20PU-ND	
TC4428A MOSFET	U2	1	1.03	1.03	Digikey	TC4428AEPA-ND	
78L05	U3	1	0.15	0.15	Digikey	AS78L05ZTR-E1DICT-ND	
Capacitor .01uF	C1,C4	2	0.14	0.28	Jameco	25507	
Capacitor .33uF 35v Tantalum	C2	1	0.32	0.32	Digikey	478-1883-ND	
Capacitor .1uF 35v Tantalum	C3	1	0.25	0.25	Jameco	33486	
DIP Resistor Pack 1K	RP1	1	0.95	0.95	Digikey	4114R-1-102LF	
Diode Shottky 1N5819	D1	1	0.12	0.12	Jameco	177965	
DIP Socket 8 pin	Tiny85,TC4428	2	0.10	0.20	Jameco	112206	
8 pos Screw Terminal .100"	S1a	1	0.80	0.80	Amazon	GS019-2.54	
4 pos Screw Terminal .100"	S1b	1	0.40	0.40	Amazon	GS019-2.54	
8 Pin .156" RA Female Header	J1 MOLEX	0	1.50	0.00	Digikey	WM13505-ND	
8 Pos Card Edge Connector	J1 EdgeConn	0	3.50	0.00	Digikey	JMT/TCONN	Sullins, connector needs shims
8 pos Screw Terminal .100"	J2 Pads	1	0.80	0.80	Amazon	GS019-2.54	
2 Pos Screw term 0.100	X-Over	0	0.29	-	Amazon		
3 pos Screw Terminal 3.5mm	J3 FROG	1	0.39	0.39	Jameco	2094514	
2 pos male pin .100"	J4 THRW	0	0.02	0.00	Banggood	GS019-2.54	
2 pos male pin .100"	J5 GND	0	0.02	0.00	Banggood	GS019-2.54	
3 pos male pin .100"	J6 Contacts	0	0.03	0.00	Banggood	GS019-2.54	