
Resistors

6	R1-R4, R28, R29	10K
10	R5-R12, R23, R26	470
7	R13, R15, R16, R22, R24, R25, R27	1K
1	R14	100K
3	R17-R19	330
1	R20	470K
1	R21	1M
1	R30	47

Capacitors

4	C1, C5, C8, C9	.1uF
2	C2, C3	2.2uF
1	C4	10uF
4	C6, C7, C10, C11	22pF

Integrated Circuits

1	U1	PIC16F887
1	U2	PIC18F2550
1	U3	DS18B20
1	U4	DHT22
1	U5	24LC512

Transistors

3	Q1-Q3	2N2222A
1	Q4	2N2907

Diodes

8	D0-D7	LED
6	D8-D12, D16	1N4148
1	D13	Yellow LED
1	D14	Green LED
1	D15	Red LED

Miscellaneous

4	HEADER1-HEADER4	8 Pin Female Header
1	HEADERS5	4 Pin Female Header
1	J1	Type A USB Connector
2	J2, J3	3 Pin Male Header
1	J4	3 Pin Female Header
1	J5	5 Pin Female Header
2	K1, K2	DPDT 5V Coil DIP Rel
1	LCD1	HD44780 Compatible
1	LS1	PIEZO SOUNDER
1	RV1	5K
5	SW0-SW4	SPST Push Button
1	SW5	SPST Toggle
1	X1	8 Mhz
1	X2	External XTAL