

Board Label	Value	Manuf Part #	Part Number *	Description	No.
C1	0.1u	C3216X7R1H104K	445-4007-1-ND	TDK CAP CER .10UF 50V X7R 10% 1206	1
C2	10u	C3216X5R1C106K	445-4052-1-ND	TDK CAP CER 10UF 16V X5R 10% 1206	1
C3	47u	EEE-FP1V470AP	PCE4552CT-ND	Panasonic CAP 47UF 35V ELECT FP SMD	1
R1	10k ohm	TSR-3386	COM-09806	Trim Pot (Sparkfun)	1
R2	150 ohm	CCF07150RGKR36	71-CCF07-G-150	Vishay Metal Film Resistors - Through Hole 1/4watt 150ohms 2% Rated to 1/2watt (Mouser)	1
R3	1k ohm	CCF071K00GKE36	71-CCF071K00GKE36	Vishay Metal Film Resistors - Through Hole 1/4watt 1Kohms 2% Rated to 1/2watt (Mouser)	1
R4, R5, R6, R7	4.7k ohm	CCF074K70GKE36	71-CCF074K70GKE36	Vishay Metal Film Resistors - Through Hole 1/4watt 4.7Kohms 2% Rated to 1/2watt (Mouser)	4
R8, R9, R10	2k ohm	ERJ-8GEYJ202V	P2.0KECT-ND	Panasonic RES 2.0K OHM 1/4W 5% 1206 SMD	3
Various pin headers	0.1 inch pitch		538-22-28-4285	Molex 28-pin breakaway header (Mouser)	
J2	RJ11-6PTH	RJ11-6L-B	PRT-00132	RJ11 6-Pin Connector (Sparkfun)	1
T1	2N3904		610-2N3904	Bipolar Small Signal NPN Gen Pur SS (Mouser)	1
LED1, LED2, LED3			COM-00533	Basic LED - Red 3MM (Sparkfun)	3
IC1	MCP23017SO	MCP23017-E/SO	MCP23017-E/SO-ND	Microchip IC I/O EXPANDER I2C 16B 28SOIC	1
S1, S2, S3, S4	6mm SPST switch	B3F-1020	SW402-ND	Omron SWITCH TACT 6MM MOM 100GF	4
16x2 LCD display		LCM-S01602DSF/A	67-1758-ND	Lumex LCD MODULE 16X2 CHARACTER W/LED**	1
* Part numbers are for Digikey unless noted otherwise in description					
** This LCD panel is for example only. Many others, from various sources, will also work.					