

LCD Driver v3.0 Parts List

ID	Description	DigiKey Part#	Mouser Part#
X1	RJ-45 Jack 2 Port	A9013-ND	
U1	DS2408	Available from Dallas	
REG1	LM78M05	LM78M05CTFS-ND	512-KA78M05
D1	BAT54S	BAT54SWT1OSCT-ND	625-BAT54S
C1,C2	4.7 uF Electrolytic	PCE3011CT-ND	661-MKA35VC4R7M
R1	6.2 Ohm 1/4W	311-6.20FRCT-ND	
RN1	10K 9 resistor array		71-CSC10A01-10K
R2	10K Pot Single-turn	P3Y103CT-ND	
JP1	16 Pin Header		517-974-01-16
JP2	2 Pin Header	A26513-40-ND	
P1	2.1mm Power Jack	CP-102A-ND	

NOTE: JP1 and LCD are not included in the kit without LCD

Construction Tips

- Place all surface mount components first.
- Observe the polarity of C1 and C2
- Locate pin 1 of RN1 correctly
- Make sure to mount JP1 to the back of the board for the correct pin outs to the LCD.
- R3-R8, Q1, Q2 and U2 are not included. They are for future expansion.