



Item #	Designator	Description	Name	Quantity	Manufacturer 1	Manufacturer Part Number 1
1	BOM1	Component without pattern	LCD_Connector	1	Molex	52271-1279
2	C1, C2, C3	Capacitor	100n	3	Kyocera AVX	08055C104K4Z2A
3	G1, G2	Battery Generic	AAA Battery Holder	2	Keystone Electronics	1021
4	J1	Micro-Fit 3.0 Right-Angle Header, 3.0	MOLEX 43650-0300	1	Molex	436500300
5	J2	TAG CONNECT TC2030-MCP-FP	TAG CONNECT TC2030-MCP-FP	1		
6	LCD1	NEWHEAVEN LCD	LCD-NHD-2.4-240320SF	1	Newhaven Display	NHD-2.4-240320SF-CTXI#-1
7	M1, M2, M3, M4	Screw Hex Socket Unconnected BN6	M3x20	4	TR Fastenings	M320SOA2CSS50-
8	R1, R2, R4, R5, R6	Resistor	10k	5	Vishay	CRCW080510K0FKEA
9	R3	Resistor	100	1	Vishay Dale	CRCW0805100RFKEA
10	R7	Resistor	TBD	1	Vishay	CRCW08050000Z0EA
11	R8	Light Dependent Resistor		1	SparkFun	SEN-09088
12	SP1	Speaker PUI Audio AT-0927-TT-3-R	PUI Audio AT-0927-TT-3-R	1	Projects Unlimited	AT-0927-TT-3-R
13	T1, T2, T3, T4	Generic MOS-N	PMV13XNEAR	4	Nexperia	PMV13XNEAR
14	, TP4, TP5, TP6, TP7,	Test Point		6	Keystone Electronics	1035
15	U1	Flash Microcontrollers with 10-Bit A/D	PIC18LF25K22I/SO	1	Microchip	PIC18F25K22-E/SO

Footprint
CAPACITOR 2012 REFLOW
1.5V Cell AAA/LR03
MOLEX 43650-0300
TAG CONNECT TC2030-MCP-FP
LCD-NHD-2.4-240320SF
Screw Hex Socket M3X5 Unconnected
RESISTOR 2012 REFLOW
RESISTOR 2012 REFLOW
RESISTOR 2012 REFLOW
LDR VT900
Speaker PUI Audio AT-0927-TT-3-R
SOT23 P0.95 C1.6x3.0 H1.3
Test Point Vogt 1016L.68M
SO28 P1.27 C7.5X17.9 H2.7