

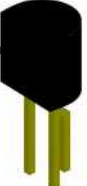

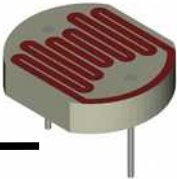


MAP2 Bill of Materials				
Reference	Value	Description	Qty	What it looks like
C1	100uF	Capacitor, Electrolytic, Aluminum, 100uF, 16V, RADIAL 6.3mm dia.	1	
C2, C3	47uF	Capacitor, Electrolytic, Aluminum, 47uF, 16V, RADIAL 6.3mm dia.	2	
D1	LED	LED, Round, Domed top, 5mm, White Clear,	1	
P1,P2,P4,P5	5V / GND	Header, Male, Right Angle	4	
Q1	2N2222	Transistor, NPN, 2N2222, TO-92	1	
R1	2k2	Resistor Carbon, 5%, 1/8W, 2k2	1	
R2	1M	Resistor Carbon, 5%, 1/8W, 1M	1	
R3	3k3	Resistor Carbon, 5%, 1/8W, 3k3	1	
R4	270E	Resistor Carbon, 5%, 1/8W, 270R	1	
R5	LDR	Photo Resistor, LDR, 5mm (0.2") dia	1	

NOTES :

For C1, C2, C3 Diameter 6.3mm MAX is important. Smaller diameter is OK. Lower height (Shorter) size is preferred. Voltage can be 10V and above