

LED Nightlight Bug Electronic Kit

Model: VSAK317

Description: Beginners soldering kit, novelty bug with LEDs that light in the dark.

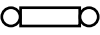

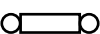









Soldering Skill Level (1 - 5) : 1 Beginners

Tools Required: Solder & Soldering Iron, Side Cutters, Needle Nose Pliers

Kit Contents:

- 1 x PCB Bug - Purple 32 x 33mm
- 1 x CR2032 Battery Holder (battery not included)
- 1 x 2N3904 Transistor
- 2 x 220R 0.25W Resistor (Red, Red, Black, Black, Brown)
- 1 x 47k 0.25W Resistor (Yellow, Purple, Black, Red, Brown)
- 1 x Miniature LDR (Light Dependant Resistor) Light Sensor
- 2 x Red 5mm LED's



Step	PCB Ref	Part	PCB Symbol & Device	Notes
1	2 x 220	220R Resistor	 	
2	47K	47k Resistor	 	
3		LDR Light Sensor	 	
4		2N3904 Transistor	 	Check orientation, match flat side!
5		5mm Red LED's	 	Check orientation, Long leg +ve
6		Battery Holder	 	Mount on reverse of PCB

