Crazy Circuits Brown Dog Gadgets

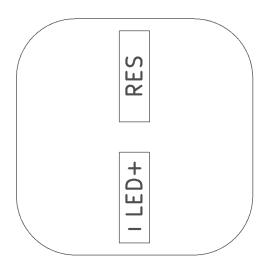
2x2 Current-Limited Surface Mount LED Module v1.0 A Lego-compatible Crazy Circuits module.

Attaching an LED directly to a microcontroller's output pins can damage the pins, so this module has the LED in series with a current-limiting resistor. At 100 ohms, it can be used with both 3V and 5V power sources and still emit a red light.

Bill of Materials

Ref	Qty	Description	Digikey PN
LED1	1	LED RED 2V 625 NM 1206 SMT	732-4991-1-ND
R1	1	RES 100 OHM $5\%~1/4W~1206$	311-100ERCT-ND

Assembly Diagram



Board Previews

