



Illuminated Toggle Switch with Cover - Red

PRODUCT ID: 3218

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1

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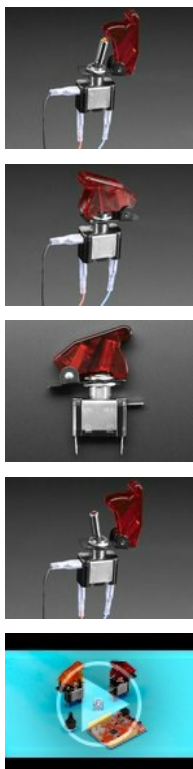
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DESCRIPTION

TECHNICAL DETAILS



DESCRIPTION

Fire up your engines because these are the hot-rods of toggle switches! Equipped with an aerodynamic red protective casing, and a red LED at the tip of the switch, this **Red LED Toggle Switch** is sure to add some flair (and flare!) to your project.

Often seen on control panels, now you can mimic a racing car, fighter jet, submarine status panel, factory controls, or anything really. They will control virtually any accessory you can throw at them, with a rated voltage of 12V max, the LED lights up at 3V so you can use it with lower

Since there's an LED inside, but only 3 pin, they're a little different to wire than most toggle switches.

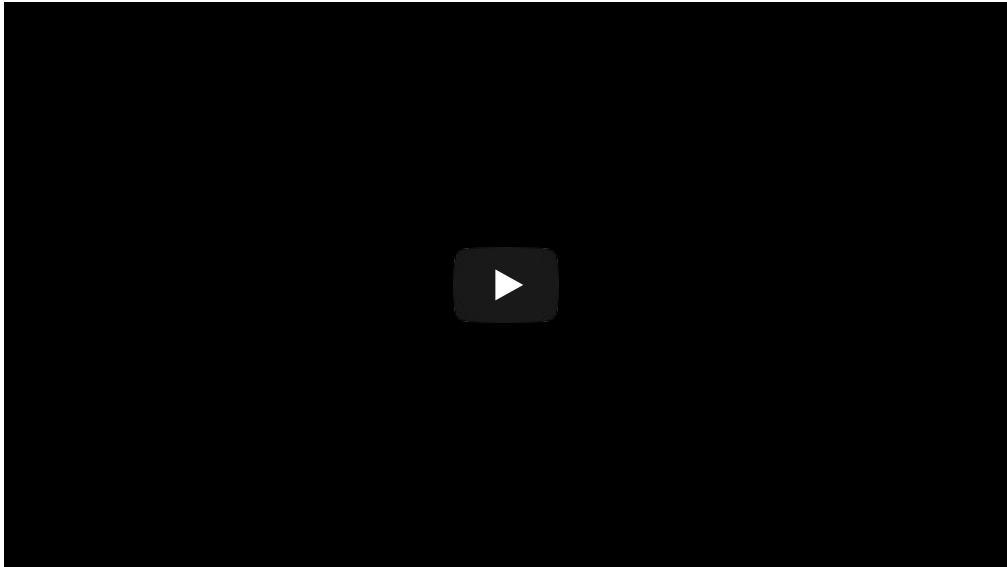
- The anode (positive side) of the LED is connected through a resistor to the pin with a 'headlamp' (=D) symbol on it
- The cathode (negative side) of the LED is connected to the pin with the ground symbol, which is the pin that is sticking out the side of the switch.
- The switch connects and disconnects the (+) pin and the 'headlamp' pin

That means you have a few options for wiring:

- If you want to use the switch to turn on/off something, you can use the toggle to connect and disconnect the two pins on the bottom
- If you want the LED to always be on, provide 3-12V between the ground and headlamp pin
- If you want the LED to be on only when the switch is connected, provide 3-12V on the (+) pin and connect ground to the ground pin.

The protective cover will automatically turn the switch off when flipped closed, but you can simply remove it if it isn't desired.

Does not come with the spade connectors we used to demo them. You get just the switch itself.



TECHNICAL DETAILS

- Switch Actuation Style: Rocker
- Insulation R: 500V DC 100M min
- Dielectric Strength: 1 Minute 1500V AC
- Operating Temperature: -25°C~+85°C
- Electrical Life: 10,000 Cycles

Product Dimensions: 66.0mm x 50.0mm x 20.0mm / 2.6" x 2.0" x 0.8"

Product Weight: 36.0g / 1.3oz

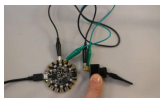
[Diagram](#)

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[Mystery Box: Crypto Countdown Case](#)

This Cold War-era mystery box's disarm code must be toggled in before the timer reaches zero!



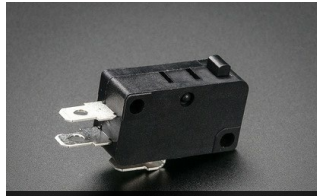
[Make It Switch](#)

When your microcontroller needs to accurately read if a switch is flipped

MAY WE ALSO SUGGEST...



Illuminated Toggle Switch



Micro Switch - Premium



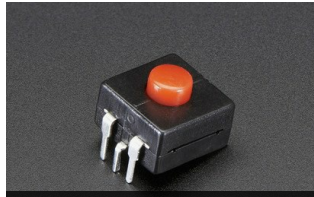
Tactile Switch Buttons (6mm)



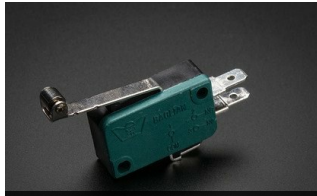
On-Off Power Button /



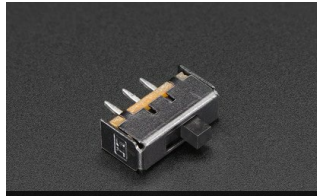
Micro Switch w/Lever - 2



On-Off-On-Off Alternating



Micro Switch w/Roller Lever



Breadboard-friendly SPDT



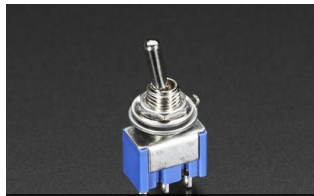
Illuminated Toggle Switch



Mini Panel Mount DPDT



Illuminated Toggle Switch



Mini Panel Mount SPDT

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"In order to change an existing paradigm you do not struggle to try and change the problematic model. You create a new model and make the old one obsolete" -
R. Buckminster Fuller



4.9 ★★★★★
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