

Electronics for Makers of All Ages

Lectrify is designed for makers! Components snap off board and into your creations using standard craft materials including Lego

Very Useful Circuits enable you to explore engineering through handson building.

Each board provides a discrete learning opportunity in a core concept of electrical engineering.



Designed and made in California, USA



Tag your creations

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Explore the Very Useful Circuit boards: <u>TouchPad</u> - Transistor switch <u>NiteLight</u> - Logic with sensor <u>Blinker</u> - Capacitor discharge visit http://lectrify.it/veryuseful

SOLDERING INSTRUCTIONS

Step 1: Use tape to fasten battery holder to board.



Step 2: Insert components and solder from back of board



Note: Switch, potentiometer and resistors do not have to be inserted in a specific direction in order to work. Test circuit by covering phototransistor with fingers.



Adjust potentiometer until LED is "off" in ambient light.



