

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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Extender Cards Prototyping Boards & Development Tools

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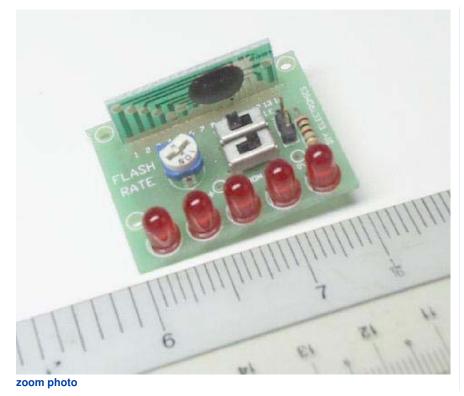
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# **Product Details**

- Prototyping Boards
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- PMC Products
- FPGA Development Boards
- PCI Products
- SMT & BGA Adapters
- ExpressCard / PCMCIA / SD
- ISA Products
- Data Acquisition Products
- Do It Yourself (DIY) Solder Kits
- Project Boxes+Protoboards
- Lead Free Prototyping Products

## TW-DIY-5052

Five Ultra Bright LED's flashing in random or in sequence. Uses a COB (Chip-on-board) PCB measuring 3cm x 1.5 cm. The flashing freque set by a single external resistor between 300K and 1M ohm. A pad connected high determines the random or sequential flash pattern. A si pad connected low determines whether the flashing is continuous or set by a toggle switch. Excellent project for schools since the projec very safe - uses 2 x 1.5V batteries, can be easily put together within 30 minutes, teaches the latest electronic technology as found in game toys and give an strong visual result when it is finished. Comes with a motherboard to aid attaching the components to the COB PCB.



### Five Ultra Bright LED Flasher Kit - DI

This cmos VLSI single chip-on-boa designed for electronic toy and warning applications. Five LED's flash on/off pseudo-random or sequential depending on whether a switch is occonnected high.

Continuous flashing mode or toggle or selectable by another switch. The flas is controlled by a trimpot.

#### KIT COMPONENTS

Motherboard 1

3V battery snap 1

Koa trimpot 500K - 1M 1

100R resistor brown black brow

SPDT switch 2

5mm ultra bright LED 5

Kit 52 COB PCB 1

2-pin post header 1