

## DATA SHEET

DECEMBER 2017

### LED BUDDY

ORDER CODE: MK198

The LED Buddy can help you to design any electronic circuit that includes one or more LEDs.

Hold any type of LED to the contact pads of the LED Buddy to start the process. It detects the polarity of the LED, measures the forward voltage and auto-calculates the series resistors that you need to use.

The compact size and durable materials ensure that this useful tool is the best buddy any maker can have. No more circuit troubles!

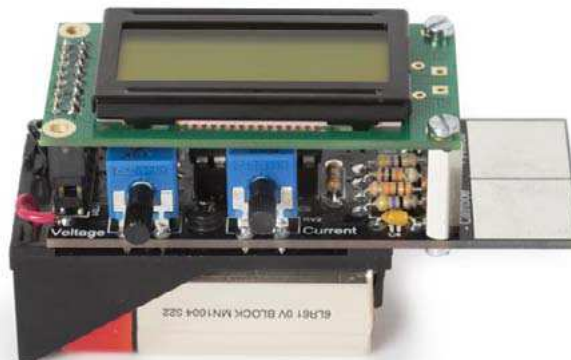
### FEATURES

- power switch
- 8 x 2 character LCD
- detects an unknown LED's polarity
- measures the LED's forward voltage
- adjustable target current
- adjustable target voltage
- contact pads
- auto-calculates the series resistor (E12 series)



### SPECIFICATIONS

- dimensions: 75 x 32 x 48 mm (W x L x H)
- calculated voltage adjustable from: 0 to 30V
- calculated current adjustable from: 2 to 26mA
- current consumption: 40 mA (when testing an LED)



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