



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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# Crazyflie 2.0 - LED-ring Expansion Board

SKU 114990114



## Description

Light up the dark with custom patterns using the Crazyflie 2.0 LED-ring expansion board. Featuring 12 strong RGB LEDs facing downwards, you can create custom patterns in firmware that you control from your Android/iPhone or computer. Two additional strong front facing LEDs that can be switched on and off, act as headlights.

This product is intended to be used together with the Crazyflie 2.0 nano quadcopter and uses its expansion board system. Please have a look at the buyers guide for more info about Crazyflie 2.0 expansion boards.

## Features

- DC-DC step-up/down gives stable LED light independent of battery voltage
- Create custom patterns using the Crazyflie 2.0 firmware
- 12 RGB LED modules facing downwards
- 2 strong LEDs facing forward
- Automatic detection of expansion board using 1-wire memory

## Specification

- DC-DC step-up/down gives up to 1A at 3.8V from input between 2-5.5V
- 12 independantly addressable RGB LED modules facing downwards ()
- 2 strong white LEDs facing forward
- 1-wire memory for automatic expansion board detection
- Designed for mounting under the Crazyflie facing downwards
- Mechanical specification:
- Weight: 3.3g
- Size (WxHxD): 33x33x5.5mm

## Part List

- 1 x LED-ring expansion

## Support

- If you have any further question for technical support, please contact support(at)bitcraze.se.