![Chipsmall logo]

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!

Contact us

Grove – Chainable RGB Led V2.0

SKU 104020048

Description

RGB LED always bring us vivid and magic light effect, especially when there are a large number of LEDs shining together. However it is not easy to connect all the LEDs together if you want to build such LED projects. Why not have a try with Seeed's Grove- Chainable RGB LED V2.0.

Grove-Chainable RGB LED V2.0 is based on P9813S14 chip. This chip is a full-color light source driver chip that can provide three constant current driver and 256 greyscale modulation output. The key word of this product is "Chainable", so how many LEDs can it be chained? By connecting the output grove connector of one LED to the input grove connector of another one, you are able to chain 1024 RGB LEDs at most!

If you have experience using Grove-Chainable RGB LED V1.0, you will find that V2.0 is a bit longer than V1.0. In V2.0, because we adjust the grove connectors to be parallel with the board instead of vertical, so that the cable don't need to be crooked.

Document

Please visit our wiki page for more info about this product. It will be appreciated if you can help us improve the documents, add more demo code or tutorials. For technical support, please post your questions to our forum.

Technical Details

Dimensions	40mm x 20mm x 15mm
Weight	G.W 11g
Battery	Exclude
Input voltage	5V
Working temperature	-40 – 85℃
Max working current	60mA

Max Chained LED Quantity:	1024
256 greyscale modulation output	

Part List

Grove – Chainable RGB Led V2.0	1
Grove Cable	1