## Grove - LCD RGB Backlight

SKU 104030001

Done with tedious mono color backlight? This Grove enables you to set the color to whatever you like via the simple and concise Grove interface. It takes I2C as communication method with your microcontroller. So number of pins required for data exchange and backlight control shrinks from ~10 to 2, relieving IOs for other challenging tasks.

Besides, Grove - LCD RGB Backlight supports user-defined characters. Want to get a love heart or some other foreign characters? Just take advantage of this feature and design it!

This product is a replacement of Grove - Serial LCD. If you are looking for primitive 16x2 LCD modules, we have green yellow backlight version and blue backlight version on sale also.

## Features
- Colorful RGB Backlight
- Built-in English and Japanese fonts
- I2C communication, uses only two IOs
- Automatic power-on reset

For all Grove users (especially beginners), we provide you guidance PDF documents. Please download and read through Preface - Getting Started and Introduction to Grove before your using of the product.

Technical Details

| Dimensions | 83mm x 44mm x 13mm |
|---|---|
| Weight | G.W 42g |
| Battery | Exclude |
| Input Voltage | 5V |
| CGROM | 10880 bit |
| CGRAM | 64*8 bit |

*Part List*

| Grove - LCD RGB Backlight | 1 |
| --- | --- |

*ECCN/HTS*

| ECCN | EAR99 |
| --- | --- |
| HSCODE | 8531909000 |

*Certification*

| RoHS | Compliant |
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## Documents

- Software Library