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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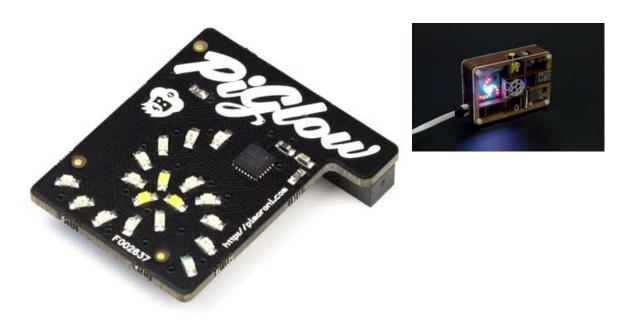
PiGlow

PIM013

The PiGlow is a small add on board for the Raspberry Pi that provides 18 individually controllable LEDs. You can use it for all sorts of things! And of course, it fits inside a Pibow!

Works just fine with all models of Raspberry Pi including the B+!

There are tons of things you can do with it:

- Mood lighting / ambience
- Showing current system load
- Notify you of events like mentions in tweets or incoming e-mail
- Feedback the status of scripts/daemons running on your Pi
- Works great when VESA mounted to provide a cast against a wall
- ...and pretty much anything else you can think of!

More detail

This board uses the SN3218 8-bit 18-channel PWM chip to drive 18 surface mount LEDs. Communication is done via I2C over the GPIO header with a bus address of 0x54 (Python example code provided). Each LED can be set to a PWM value of between 0 and 255.

- 18 LEDs (three each of red, orange, yellow, green, blue, and white)
- Great to provide feedback if you're running your Pi headless
- PWM (dimming) control for each channel
- Fully assembled (no soldering required)
- Python code to access and control lighting provided