

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