

# RGB LED Using 3 Pins

**Feature Name:** Support for an RGB LED light using 3 pins

**Feature Name in Annotation:** RGB\_LED

## Source of Information

Releaselog, pull requests, commits, ifdefs with feature annotation name

## Strategy Used:

Feature is identified from the latest release log first. The release log also provides the pull request and commits linked to the feature (see the links and tables below), Ifdefs are also used for speeding up feature location.

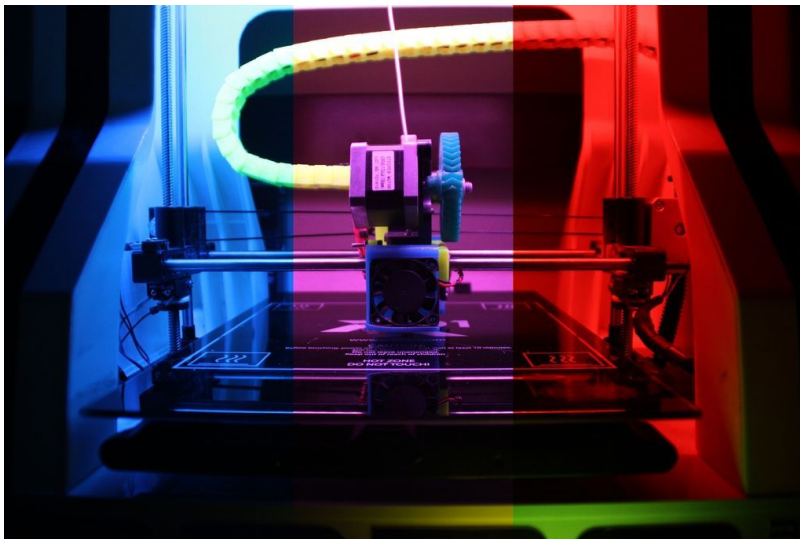
**Feature Release Version:** 1.1.0 – RC8

**Time took to Identify and Locate the feature:** 0.25 hour

**Time took to Understand the Implementation:** 0.25 hour

## Feature Description:

If you have 3 spare pins you can hook up a cheap 5V RGB LED (with pull-up or pull-down resistors) as shown in figure below.



## Feature Information and Statistics:

PR No.	Merged Time	PR	Commits	Files	Line Added	Line deleted
# 5330	30 Apr 2016	Support for an RGB LED using 3 pins	1	24	238	10

**Ratios of sources (%)**

RL	PR	CM	Ifdef	DK	CC	SC	GD
50	40	5	5	0	0	0	0

**RL:** Release Log; **PR:** Pull Request; **CM:** Commit, **Ifdef:** Ifdef Expression; **DK:** Domain Knowledge; **CC:** Code Comment; **SC:** Source Code; **GD:** G-Code Documentation.

**Pull Request Links:**

<https://github.com/MarlinFirmware/Marlin/pull/5330/files>

**Feature Characteristics:**

Feature Name	LoFC	SD	TD	Completely Wrapped by ifdef
Support for an RGB LED light using 3 pins	72	5	1	Yes