

Simple Circuit for Exploration of OPT101 Light Sensor

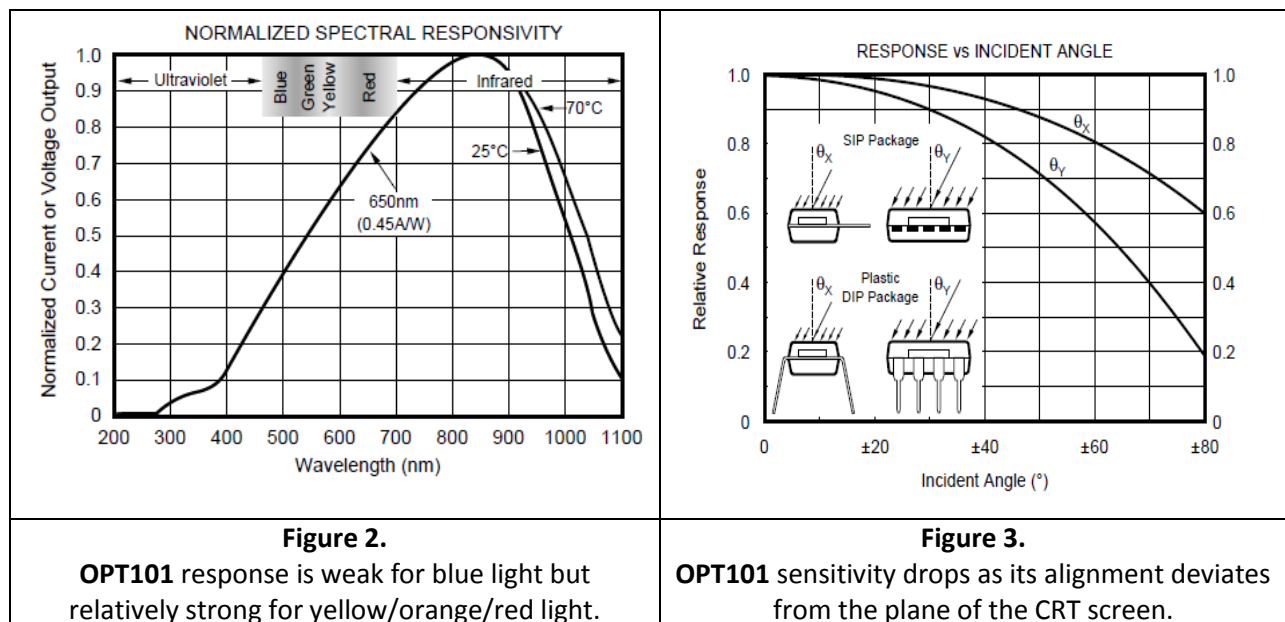
Burr-Brown OPT101, a monolithic photodiode and linear amplifier on a single integrated circuit.



Figure 1.

Photograph of 8-pin **OPT101** integrated circuit.

The package is clear to allow light to reach the on-chip 5.225 mm² photodiode.



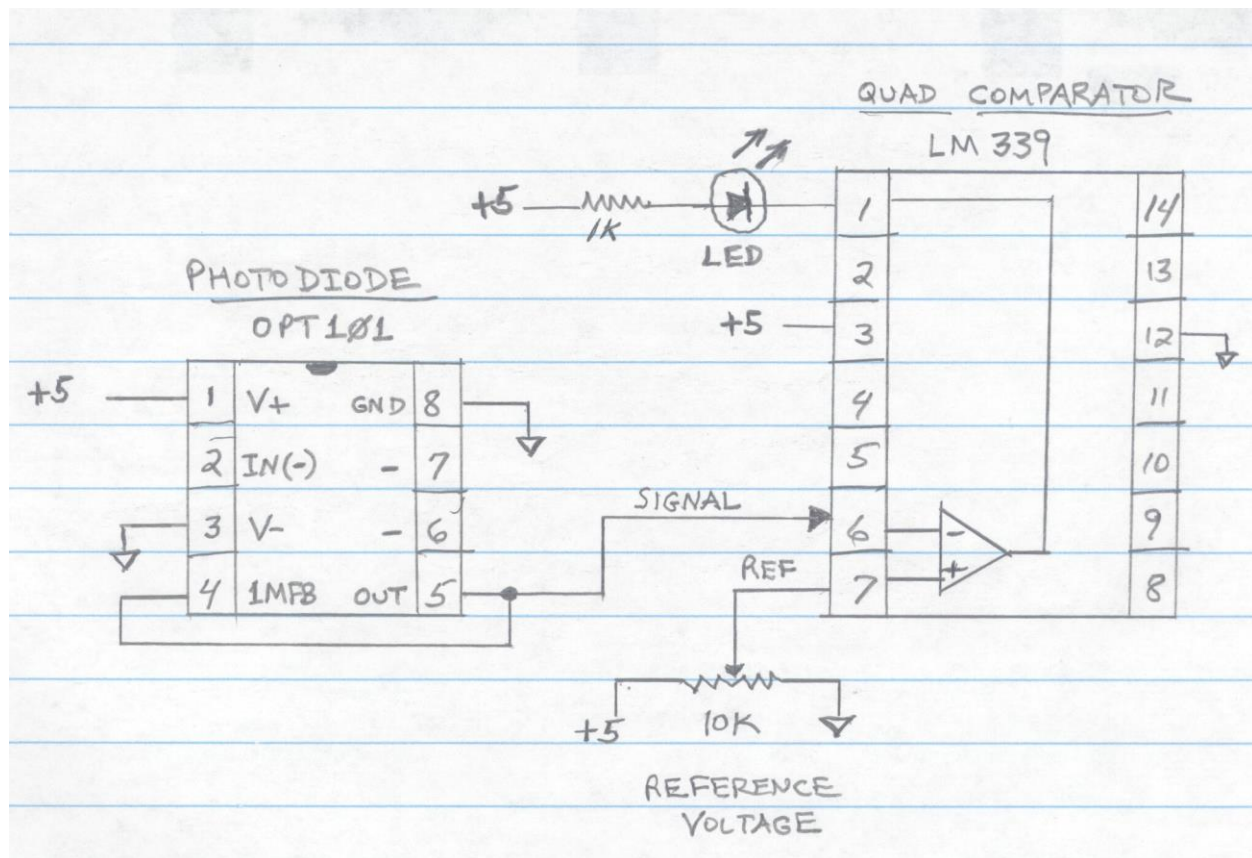


Figure 3.
Simplified breadboard circuit to test/explore OPT101 as a light detector

Parts List:

OPT101

LM339

1K or 10K potentiometer for adjusting detection voltage threshold

LED

Current limiting resistor for LED

Solderless breadboard

5VDC power supply