Name of Product

Calvary Engineering

@CalvEngIO

**Section 1: Description**

Give a general description of the part. What it does and why this is useful for the customer.

**Section 1: Specifications**

Specifications should include relevant electrical characteristics for the part. It must include operating voltage, peak current, quiescent current (if relevant), temperature range, etc. This should also not operating ranges.

For example, below are the specifications given for the MAX30101 Breakout.

Operating Voltage: 1.8V

LED Operating Voltage: 3.3V – 5V

Peak LED Current: 50mA

Quiescent Current: 0.7x μA

Operating Temperature: -40oC to +85oC

**Section x.xx Pinouts**

Pin-out should be a three column table with “Pins, Name, Description” as the title for each column. This is where you outline the pins for the part as you would see it in an IC datasheet. This is also relevant for breakout boards.

|  |  |  |
| --- | --- | --- |
| Pins | Name | Description |

**Section x.xx Quick Getting started instructions**

This getting started instructions should describe what the end user needs to do in order to actually start using the device. This section should also include pictures.

Power

How is the device powered?

Signal transmission

Add other subheadings if necessary. Signal transmission is relevant for other devices that use I2C or SPI or some other protocol.

**Section x.xx Design Implementation**

How was the board designed? How was the product in mind? Was it made to fit on a breadboard, be stacked on an Arduino, etc?

**Section x.xx Troubleshooting Guide**

This section describes what could go wrong with the device on the end users side. This section should also suggest ways to fix the problems that may arise.

**Section x.xx Testing**

This section describes how the device was tested.

**Section x.xx Contact Us**

Support.calvengio@gmail.com

Website: calveng.io