

RGB LED GPIO

MK-51760

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IONOTRONICS Corporation

<http://www.ionotronics.com>

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1 Introduction

The MK-51760 provides the interface to three LEDs (Red, Blue and Green) using GPIO signals. A 6-Pin DF11 Series Hirose Connector is used to interface to GPIO signals.

The Digikey Part Number for the RGB LED is: 511-1624-1-ND

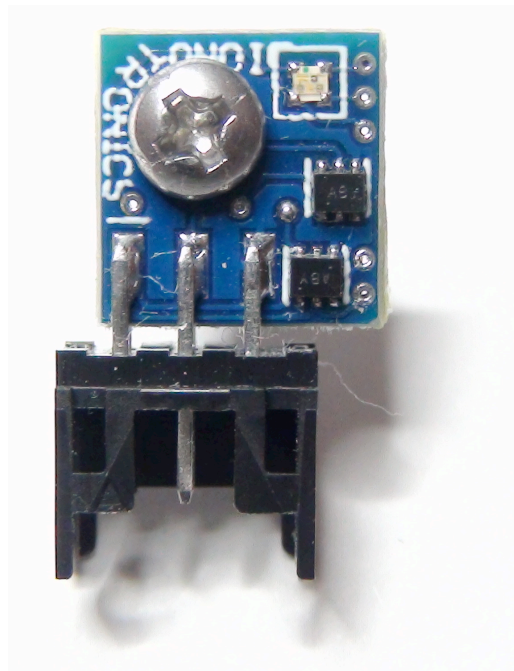


Figure 1 MK-51760 RGB LED

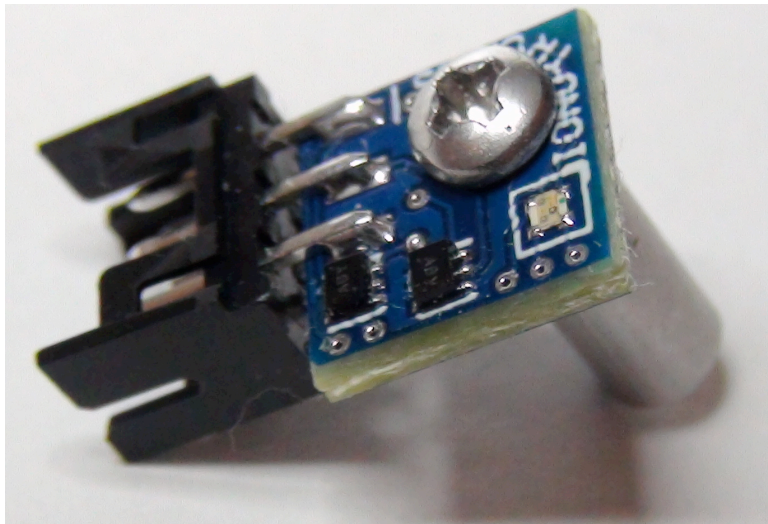


Figure 2 MK-51760 Side View

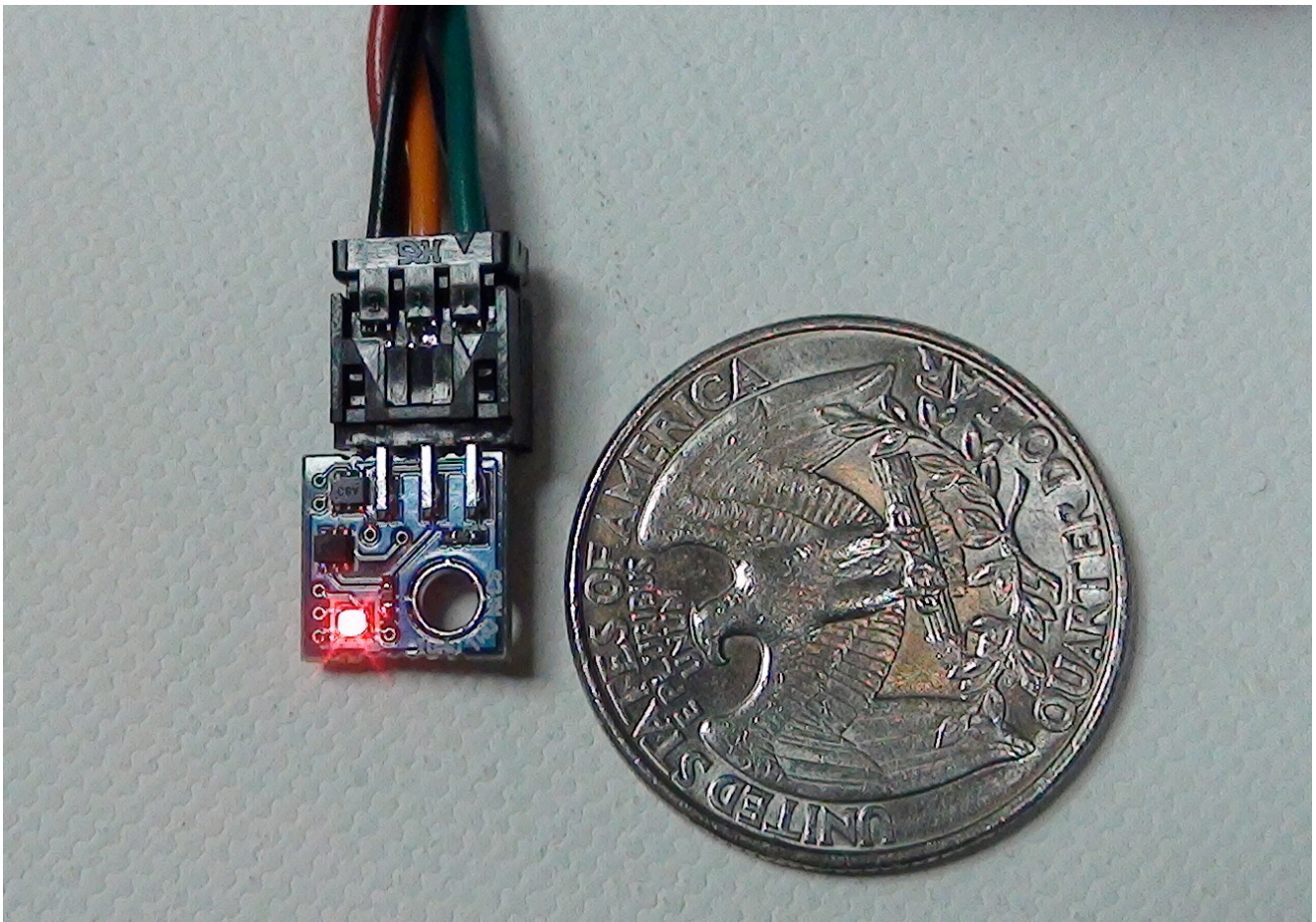


Figure 3 RGB LED with Quarter

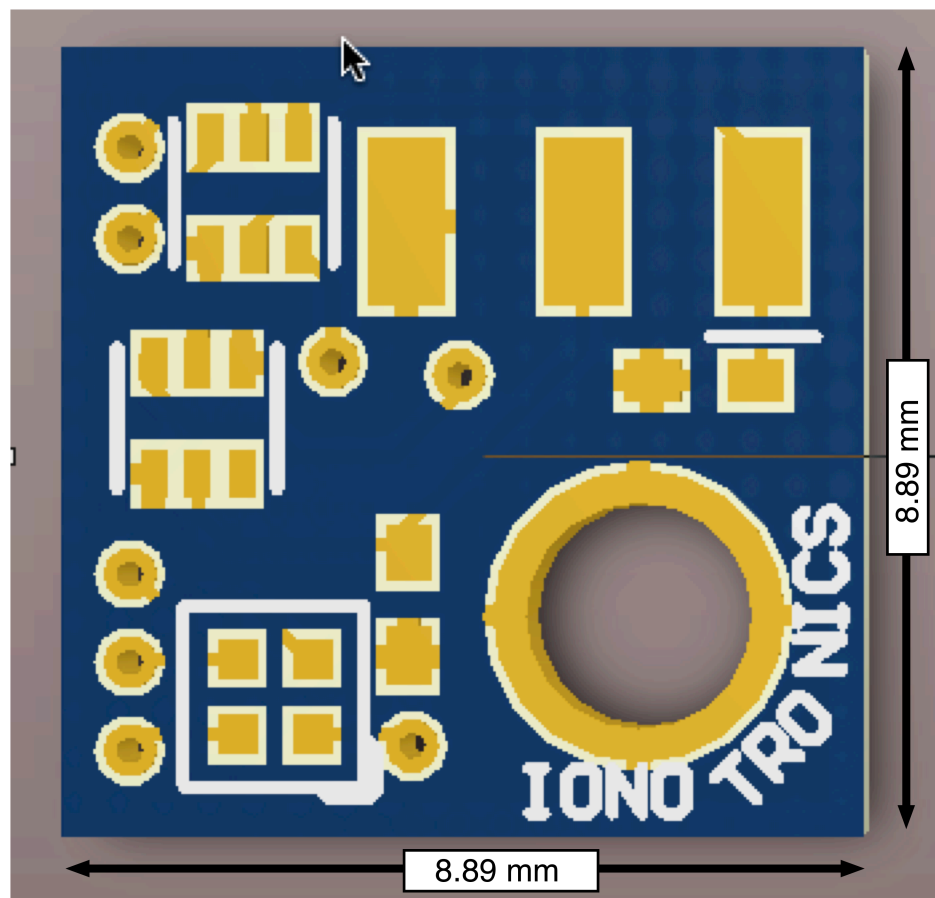


Figure 4 Board Dimensions mm

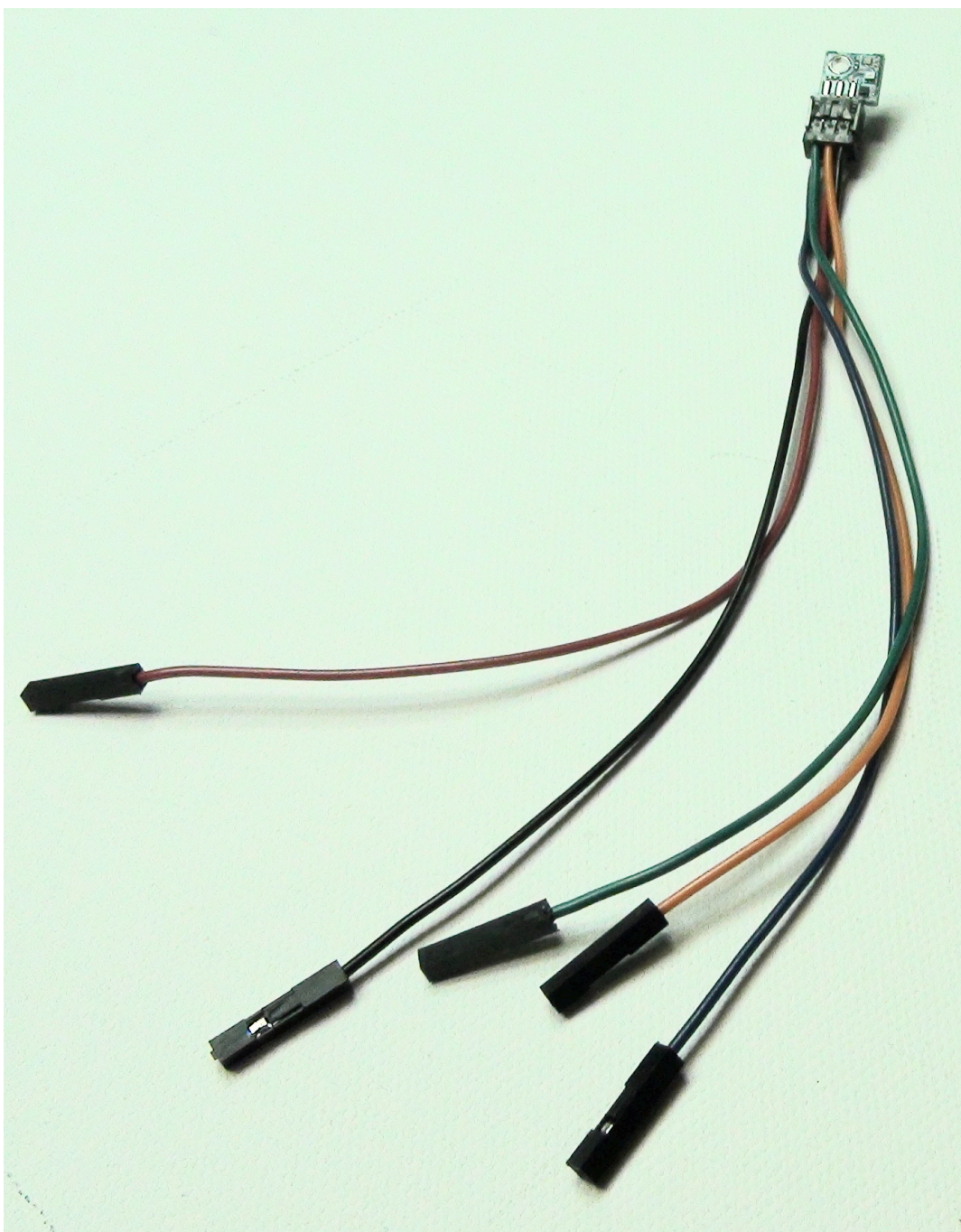


Figure 5 RGB LED with DF-11 4 pin to 25mil Post Cable (MK-76660)

2 Schematic

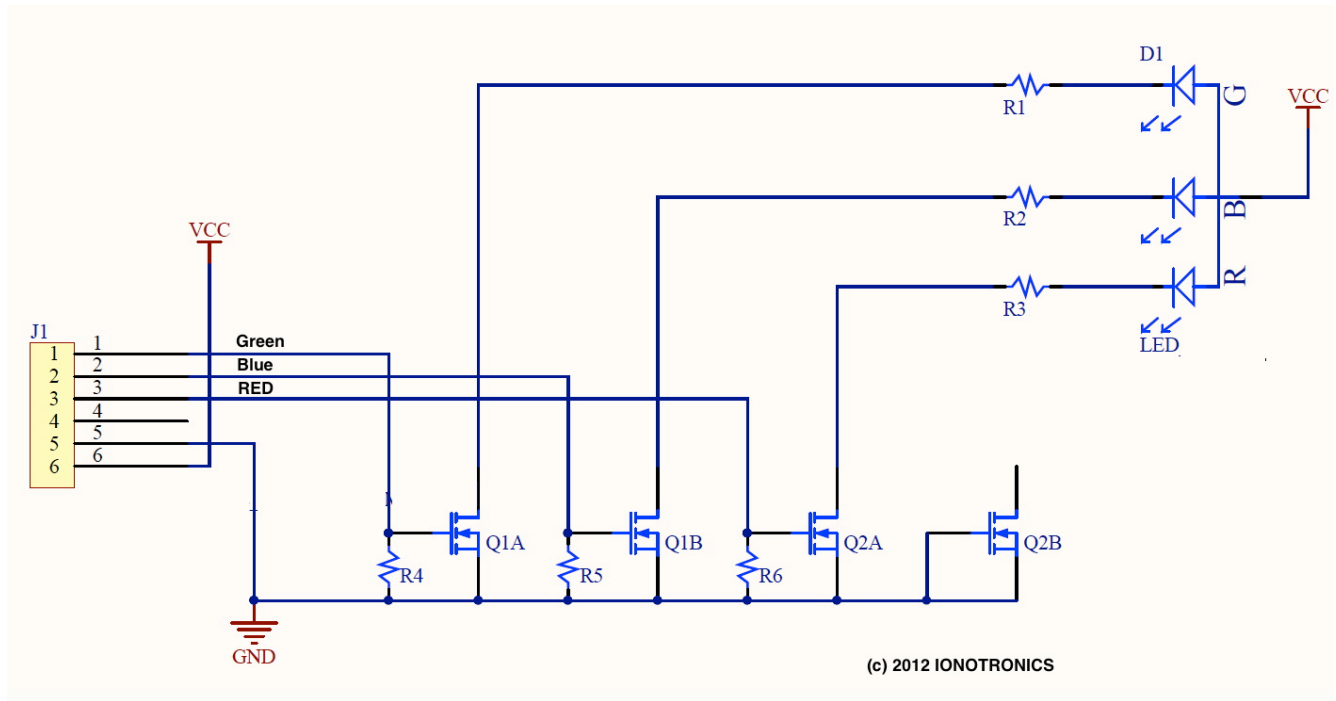


Figure 6 MK-51760 Schematic

3 Hirose DF11 Series Connectors

Figure 11 shows a 12 pin Hirose DF11 Series connector. This is useful when building cabling systems. Note pin 1 marker and numbering scheme.

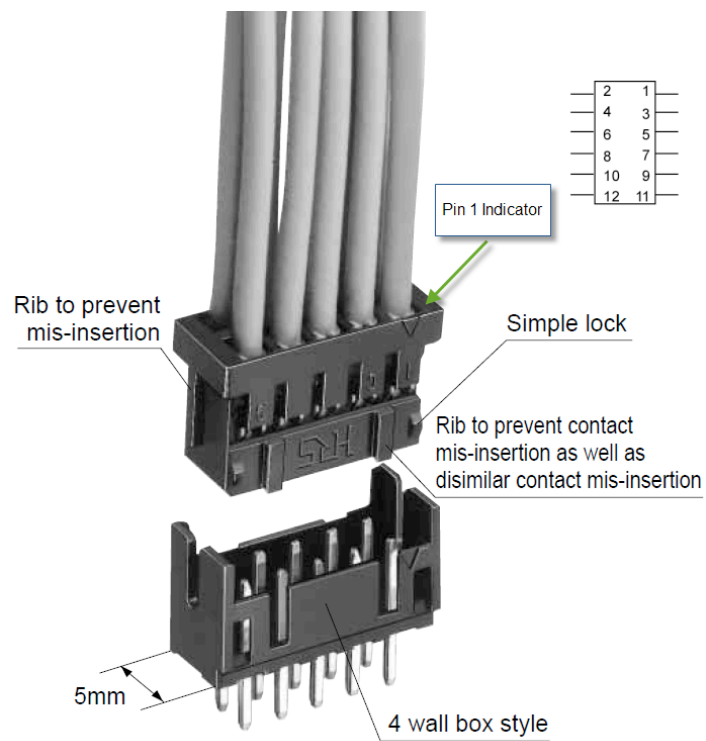


Figure 7 Guide to the Hirose DF11 series connector

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