

# BMC150 Module

r12um0008eu0100-synergy-iot-fast-prototyping-kit-s3a7.pdf (SECURED) - Adobe Acrobat Reader DC

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Revision History

## IoT Fast Prototyping Kit (S3A7)

## 1. Overview

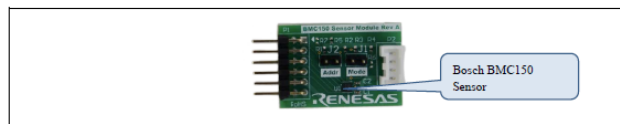


Figure 1.3 Bosch BMC150 sensor board

The active interface to be used is configured by jumper J1:

- Open = I<sup>2</sup>C (Grove)
- Closed = SPI (PMOD).

In case the I<sup>2</sup>C is selected, the device addresses are dependent on the state of jumper J2:

- Open = 0x11, 0x13
- Closed = 0x10, 0x12.

The module schematic with description of its connectors and the function of the two jumpers is shown Figure 1.4.

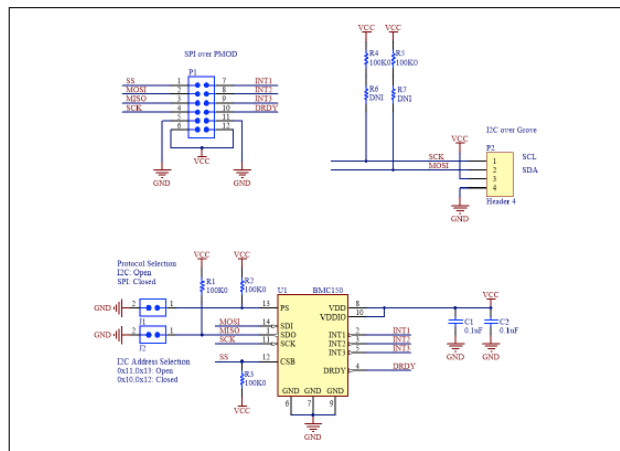


Figure 1.4 Module schematic

## 1.3 AMS Sensor Board

The AMS sensor board includes four environmental sensors on a single module:

- Lighting Sensor – AS3935

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