

BQ500211A Data Sheet Errata

These are the errata for the bq500211A Wireless Power Transmitter device and Data Sheet

Erratum #1:

FOD and PMOD pins are reversed.

Data sheet ([SLUSBB1](#)) shows the independent PMOD and FOD pins to be:

- PMOD – Pin 17
- FOD – Pin 16

This is in error, the two pins should be:

- PMOD – Pin 16
- FOD – Pin 17

The correct configuration for independent FOD and PMOD resistors is:

- PMOD resistor from Pin 16 to 43
- FOD resistor from Pin 17 to 43

Documentation of the function and operation of this function in the data sheet section “Parasitic Metal Object Detect (PMOD) and Foreign Object Detection (FOD) are other otherwise correct.

This configuration applies to all version and date codes of the bq500211A.

Updates will be made to the documentation.

Erratum #2:

Figure 8, “bq500211A Typical Low-Cost Application Diagram” shows Pin 46 grounded. Pin 46 is V_Sense which will sample the input voltage, when input voltage is low the DPL function will be active.

Pin 46 should be connected to 3.3V for this application.

Updates will be made to the documentation.

Erratum #3:

Page 16 Paragraph, “Over-Current Protection” does not apply to bq500211A. This paragraph should be deleted. Note below Paragraph which describes the treatment of Pin 42 is correct.

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