



# Errata Sheet for EN6310QI Power Product

## Errata Sheet

This errata sheet provides information about known device issues affecting the Altera EN6310QI power product.

### Production Devices Issues for Altera Power Products

Table 1 lists the issue and the affected product.

| Issue  | Affected Devices | Planned Fix |
|--|------------------|-------------|
| <b>“The VFB Accuracy ”</b><br>The accuracy of the reference voltage is not correct | EN6310QI         | None        |

**Table1.** Power Products Issues

### VFB Accuracy

VFB accuracy published in the Enpirion Power Datasheet for the EN6310QI 1A PowerSoC prior to Rev D is incorrect.

### Workaround

Product specification needs to be changed:

- 1) The accuracy of the reference voltage will be changed from 1% to 1.5%

|           | Parameter                             | SYMBOL | TEST condition                     | MIN   | TYP  | MAX   | UNIT |
|-----------|---------------------------------------|--------|------------------------------------|-------|------|-------|------|
| Old Value | Feedback Pin Voltage Initial Accuracy | VFB    | TA= 25°C, VIN= 5.0V, ILOAD= 100mA; | 0.594 | 0.60 | 0.606 | V    |
| New Value | Feedback Pin Voltage Initial Accuracy | VFB    | TA= 25°C, VIN= 5.0V, ILOAD= 100mA; | 0.591 | 0.60 | 0.609 | V    |

- 2) The overall accuracy, which includes the effects of input voltage, load current, and temperature, is unchanged.

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