

bq34z100

Errata



Literature Number: SLUZ028
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Errata

This errata applies to all production versions of the bq34z100 devices.

1 Normal Operation

The *bq34z100 Wide Range Fuel Gauge with Impedance Track™ Technology* data sheet ([SLUSAU1](#)) describes the Alert Configuration register as being able to call all of the flags listed in Table 15: "Alert Configuration Register Bit Definitions" (page 22). This will be the case in all later versions.

2 Errata

The initial release of bq34z100 does not implement all of the flags described in Table 15: "Alert Configuration Register Bit Definitions" on page 22 in [SLUSAU1](#). Specifically, the BATLOW, CHG_INH, FC, CHG, OCVTAKEN, SOC1, and DSG flags are not implemented because they are not safety concerns.

3 Problem

Several of the (non-safety) flags were deleted from the Alert Configuration register logic in the initial release of the firmware. Therefore, the ALERT pin will not be activated in these cases.

4 Resolution

Future firmware releases will include all of the flags.

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