

bq20z70-v150 Errata

1 Abstract

May 1, 2008, Reference bq20z70 + bq29330, bq20z75 Technical Reference Manual ([SLUU265](#)) dated August 2007.

The bq20z70-v150 device has had errata identified ([Section 2](#)), and this device is being replaced by the following newer devices:

- bq20z70DBT-V160
- bq20z70DBTR-V160

For the latest ordering information, data sheet, and software, visit <http://power.ti.com> and search for bq20z70-v160.

The errata follows.

2 Dual Thermistor Issue

The bq20z70-v150 allows the *Temperature* function to configure its source to be any of the following, via the **Operation Cfg A [TEMP1, TEMP0]** bits:

- Internal Temperature Sensor [0, 0]
- TS1 [0, 1] (default)
- Greater value of TS1 or TS2 [1, 0]
- Average value of TS1 or TS2 [1, 1]

When the bq20z70-v150 is not configured to use TS1 for the *Temperature* function (**Operation Cfg A [TEMP1, TEMP0]** not set to [0, 1]), then **OTC** and **OTD** will not trigger when the *Temperature* is above the user-defined thresholds. **OTC** and **OTD** will only work properly if the **[TEMP1, TEMP0]** bits in **Operation Cfg A** are set to TS1 [0, 1].

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