

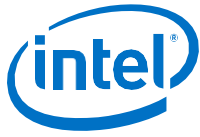
Intel® Enpirion® Power Solutions EM21XXQI Devices Errata

2017.07.21



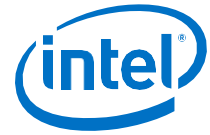
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1 EM21XXQI Devices Errata

This document provides information about a known device issue affecting the EM21XXQI devices.

1.1 Summary of Errata

Issue	Affected Devices	Planned Fix
EM21XXQI units may be impacted by a test programming issue at manufacturing where the calibration coefficients needed for the unit to monitor the output current may not be programmed consistently. As a result, the unit will not monitor the output current and hence not activate the Over Current Protection function per the data sheet.	Some production material of the following devices: <ul style="list-style-type: none"> • EM2130L01QI • EM2120L01QI • EM2130L02QI • EM2130H01QI • EM2120H01QI Engineering samples and Eval Boards are not affected.	The issue has been fixed and verified by a test program update. All material shipped after 7/21/2017 will not be impacted.

1.2 Description

Workaround

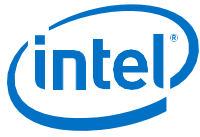
Customers who use the PMBus* interface to read back Output Current will be able to reprogram using a software patch. This will fix both the read back and OCP functions. The software patch is available upon request.

Customers who do not use the PMBus* interface will not have OCP enabled in impacted units. These units are fully functional and will perform to all other parameters per the data sheet specifications. Units will have other protection mechanisms, including Under Voltage and Over Temp Protection in case of a short circuit.

For any technical questions regarding this errata notification, please contact [mySupport](#).

Errata Fix Status

The issue has been fixed and verified by updating the manufacturing test program. All material shipped after 7/21/2017 will not be impacted.



2 Revision History

Date	Version	Changes
July 2017	2017.07.21	Added the following errata: <ul style="list-style-type: none"><li data-bbox="699 485 1333 554">• EM21XXQI family Current read back and OCP function errata

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