

ADV Issue Date: 11/04/2016

CUSTOMER ADVISORY ADV1616

Shelf Life Extension to 36 Months for Sealed, Dry-Packed Power Products

Change Description

Intel PSG (formerly Altera) is extending the sealed, dry-packed Power Products' maximum storage shelf life to 36 months.

Table 1

	Change From	Change To
Shelf-Life maximum as indicated in the Moisture Barrier Bag (MBB) label	12 months	36 months

An evaluation has been successfully completed validating that the current packing method and materials can meet the 36 months of shelf life per JEDEC J-STD-033B.1.

This change also standardizes the shelf life of Intel PSG products.
(Currently, FPGA products already have a 36-month shelf life; reference ADV0908
https://www.altera.com/content/dam/altera-www/global/en_US/pdfs/literature/pcn/adv0908.pdf)

Recommended Action

There is no specific action required from the customer since the change does not impact the form, fit, function, quality, and reliability of the devices; there is no change in packing method; and there is no anticipated impact to the customer's board assembly process.

Reason for Change

This change will align with the shelf-life of other Intel PSG products that already have a 36-month shelf life.

The 36-month shelf life is also more environmentally friendly. This reduces the occurrence of unnecessary re-packing of devices, resulting to the consumption of fewer materials, as well as fewer waste generated.

Products Affected:

Dry-packed Power Products (Moisture Sensitivity Level is greater than MSL 1).

See [Appendix 1](#) for the complete list of affected Ordering Part Numbers (OPN).

Change Identification and Product Transition:

Table 2

<i>Milestone</i>	<i>Date</i>
Estimated Earliest Ship Date of Changed Products	12/19/2016

Contact

For more information, please contact Sales or Customer Quality Engineering (CQE) in your region, or submit a Service Request at Altera's [mySupport](#) website.

Customer Notifications Subscription

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If you would like to receive customer notifications by email, please subscribe to our customer notification mailing list at

<https://www.altera.com/subscriptions/email/signup/eml-index.jsp>

Revision History

Date	Rev	Description
11/04/2016	1.0.0	Initial Release
11/04/2016	1.0.1	Correct typo error in page 2: replaced “lower than MSL” to “greater than MSL 1”.

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Appendix 1. Affected Ordering Part Numbers

OPN	OPN
EC2630QI	EN6361QI
EN2340QI	EN6362QI
EN2342QI	EN63A0QA
EN2360QI	EN63A0QI
EN2390QI	EP5348UI
EN2392QI	EP5352QI
EN23F0QI	EP5357HUI
EN23F2QI	EP5357LUI
EN5311QI	EP5358HUA
EN5312QI	EP5358HUI
EN5319QI	EP5358LUA
EN5322QI	EP5358LUI
EN5329QI	EP5362QI
EN5335QI	EP5368QI
EN5336QI	EP5382QI
EN5337QI	EP5387HQI
EN5339QI	EP5387LQI
EN5364QI	EP5388QI
EN5365QI	EP53A7HQI
EN5366QI	EP53A7LQI
EN5367QI	EP53A8HQA
EN5394QI	EP53A8HQI
EN5395QI	EP53A8LQA
EN5396QI	EP53A8LQI
EN6310QA	EP53F8QI
EN6310QI	EQC1240QI
EN6337QA	EQC1241QI
EN6337QI	EV1320QI
EN6347QA	EV1340QI
EN6347QI	EV1380QI
EN6360QA	EX3AV
EN6360QI	