



CUSTOMER ADVISORY

ADV1804

Power Model Update to Arria® 10 Devices

Change Description:

Intel® Programmable Solutions Group (“Intel PSG”, formerly Altera) is notifying customers of a power model update to all Arria® 10 devices (including Arria 10 GX, Arria 10 SX, and Arria 10 GT devices).

Table 1

Change From	Change To
Arria 10 Early Power Estimator 17.1	Arria 10 Early Power Estimator 18.0.1
Quartus Power Analyzer 17.1	Quartus Power Analyzer 18.0.1

Recommended Actions:

If you have used Arria 10 Early Power Estimator (EPE) version 17.1 or earlier:
Recommendation: Use Arria 10 EPE 18.0.1 or later to update your power estimates.

If you have used Quartus® Power Analyzer (QPA) 17.1 or earlier to generate power estimates for Arria 10 devices:
Recommendation: Use QPA 18.0.1 or later to update your Arria 10 power estimates.

Products Affected:

All Arria 10 devices

The list of affected OPNs can be downloaded in Excel form:

https://www.altera.com/content/dam/altera-www/global/en_US/pdfs/literature/pcn/adv1804-opn-list.xlsx

Reason for Change:

Arria 10 devices may consume higher static power than indicated by estimations produced by the Arria 10 EPE 17.1 and Quartus Power Analyzer 17.1.

Change Implementation

Table 2

Milestone	Date
Arria 10 Early Power Estimator 18.0.1 Released	July 2018
Quartus Power Analyzer 18.0.1 Released	July 2018

Contact

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

Customer Notifications Subscription

Customers that have subscribed to Intel PSG's customer notification mailing list will receive the PCN document automatically via email.

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
07/06/2018	1.0.0	Initial Release

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