



# CUSTOMER ADVISORY

## ADV1805

### Power Model Update to Cyclone® 10 GX Devices

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#### Change Description:

Intel® Programmable Solutions Group (“Intel PSG”, formerly Altera) is notifying customers of a power model update to Cyclone® 10 GX devices.

**Table 1**

Change From	Change To
Cyclone 10 GX Early Power Estimator 17.1	Cyclone 10 GX Early Power Estimator 18.0.1
Quartus Power Analyzer 17.1	Quartus Power Analyzer 18.0.1

#### Recommended Action:

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

#### Products Affected:

All Cyclone 10 GX 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/adv1805-opn-list.xlsx](https://www.altera.com/content/dam/altera-www/global/en_US/pdfs/literature/pcn/adv1805-opn-list.xlsx)

## **Reason for Change:**

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

## **Change Implementation**

**Table 2**

<b><i>Milestone</i></b>	<b><i>Date</i></b>
Cyclone 10 GX 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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