



# CUSTOMER ADVISORY

## ADV2110

### Intel® Quartus® Prime Standard Edition Software Update

*This is not a new ADV issuance. This is a revision of the previous ADV2110 release. See Revision History (last page) for details.*

#### Description:

Intel® is notifying customers of an important update to the Intel® Quartus® Prime Standard edition software. Refer to table 1 for further details and link to the KDB article containing recommendations and further actions.

Table 1: Intel Quartus Prime Standard Edition Software Fix

Update Details	Impacted Software Versions	KDB Article (with patches)
<b>Inferred RAM Fix</b> <ul style="list-style-type: none"><li>RAM data corruption when reading from a Sequential Access Memory (SAM) that is implemented using an inferred True Dual Port RAM or Simple dual port RAM, in impacted versions of the software.</li><li>Permanent fix implemented in Intel Quartus Prime Standard edition software ver 20.1 and above.</li><li>Patches are available for Intel Quartus Prime Standard edition software ver 18.1, and 19.1.</li></ul>	Ver 19.1 and earlier	<a href="#">Why is there RAM data corruption in designs using Inferred Dual Port RAMs and compiled in the Intel® Quartus® Prime Standard Edition software version 19.1 and earlier?</a>

#### Products Affected:

All Arria® II, Arria® V, Cyclone® IV, Cyclone® V, MAX Series, Stratix® IV, Stratix® V devices.

The list of affected part numbers (OPNs) can be downloaded in Excel form:

<https://www.intel.com/content/dam/www/programmable/us/en/pdfs/literature/pcn/adv2110-opn-list.xlsx>

## Change Implementation:

Patches for the issue described in this customer advisory are available now. Refer to the KDB link in table 1.

## Contact:

For more information, please contact your local Sales representative, or submit a question or request at the My Intel support page, log-in via:

<https://www.intel.com/content/www/us/en/my-intel/fpga-sign-in.html>

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## Revision History

Date	Rev	Description
03/05/2021	1.0.0	Initial Release
05/28/2021	1.1.0	'Update details' and 'KDB article' in table 1 were updated.

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