



# Product Change Notification

## #112943 - 00

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**Should you have any issues with the timeline or content of this change, please contact the Intel Representative(s) for your geographic location listed below. No response from customers will be deemed as acceptance of the change and the change will be implemented pursuant to the key milestones set forth in this attached PCN.**

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# Product Change Notification

**Change Notification #:** 112943-00  
**Change Title:** Intel® Atom™ Processors Z2520, Z2560 & Z2580, PCN 112943-00, Product Design  
**Date of Publication:** March 10, 2014

## Key Characteristics of the Change:

Product Design

## Forecasted Key Milestones:

<b>Date Customer Must be Ready to Receive Post-Conversion Material:</b>	March 29, 2014
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### Description of Change to the Customer:

Intel® Atom™ processor Z25xx series EPID keys will change on revenue (S-SPEC) production units that will start to ship from Intel dock on March 29<sup>th</sup> 2014 onwards with FPO# date code of Q4xxWxxx (the center letter W will designate the start of the new units with new EPID keys).

The EPID keys fused in Intel® Atom™ processor Z25xx production units are unique and not random numbers. The EPID key functionality is not used for secure boot or over the air (OTA) updates. The EPID key functionality can be used by some Android\* marketplace applications that utilize Intel® Identity Protection Technology (IPT) for authentication purposes.

Intel's initial production forecast of EPID keysets will soon be depleted due to increased customer production demand and this requires Intel to generate new EPID keys and fuse into future production units.

These new Intel® Atom™ processor Z25xx series production units will require customers to update their IFWI xx.74 / xx.F4 / AOS WW11.5 (March 14<sup>th</sup>) weekly build (Patch #165154 & 165155) to ensure any Android\* applications utilizing IPT continue to function with current production units and new production units with new EPID keys.

\*Other names and brands may be claimed as the property of others.

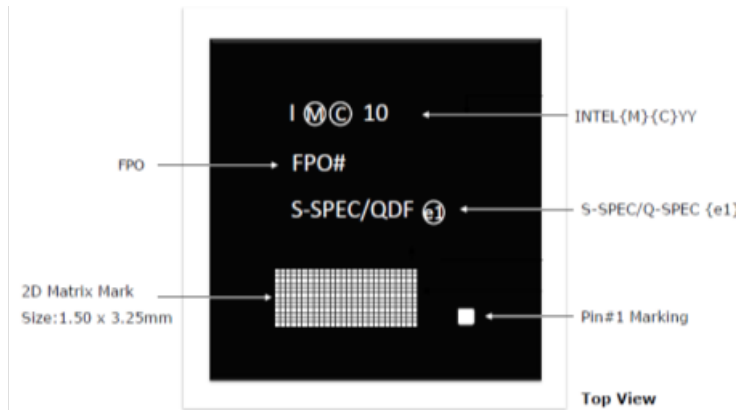
### Customer Impact of Change and Recommended Action:

The previous IFWI/ AOS software will not recognize the new EPID keys. As a result any Intel® Identity Protection Technology (IPT) application running on these new production units would fail to authenticate the server connection.

The new IFWI xx.74 / xx.F4 / AOS WW11.5 weekly build (Patch #165154 & 165155) is backward compatible with previous production units already shipped and will recognize future production units that will start to ship from Intel dock on March 29<sup>th</sup> 2014. This software will be made available WW11.5 (March 14<sup>th</sup>). Intel recommends customers migrate to the new IFWI/ AOS software well ahead of receiving new production material that will ship from Intel dock on March 29<sup>th</sup> 2014 onwards.

Customers will be able to identify production units that have the new EPID keys by FPO# datecode of Q4xxWxxx (the center letter W will designate the start of the new production units with new EPID keys).

**Production units with date code FPO# Q4xxWxxx will designate the start of new EPID keys fused**



**Package Marking Legend**

LINE 1 - INTEL TM C '10 (trademark, copyright information, year assy.)

LINE 2 - FPO# (Fab Lot number)

LINE 3 - e1 (RoHS indicator)

BOTTOM - 2DID (Barcode information assy. lot code), Pin 1 indicator

**Products Affected / Intel Ordering Codes:**

Marketing Name	Processor#	Stepping	Product Code	S-Spec	MM#
Intel® Atom™ Processor	Z2560	B1	DG8065101274708	S R145	<b>927907</b>
Intel® Atom™ Processor	Z2580	B1	DG8065101418900	S R146	<b>927910</b>
Intel® Atom™ Processor	Z2520	B1	DG8065101533700	S R161	<b>928824</b>

**PCN Revision History:**

**Date of Revision:**

March 10, 2014

**Revision Number:**

00

**Reason:**

Originally Published PCN