



Product Change Notification

113743 - 01

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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 #: 113743 - 01
Change Title: Selected Intel® Celeron®, Intel® Pentium®, Intel® Core™ 2 & Intel® Xeon® Processors, PCN 113743-01, Product Material
Product conversion to fully EU RoHS
Compliant product not exemption required
Reason for Revision: Updated Ready to Receive Date
Date of Publication: September 2, 2015

Key Characteristics of the Change:
Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	February 01, 2016
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Description of Change to the Customer:
Reason for Revision: Updated Ready to Receive Date

The leaded products at the Die to Substrate interface (Pb-Based FLI) listed in the "Products Affected/Intel Ordering Codes" table below are using the "Exemption 15", currently under the European Union (EU) legislative direction for control of hazardous substances (RoHS). The "exemption 15" allowance to ship into the EU is currently scheduled to expire July 2016. Until that time, the Pb-Based FLI can continue to ship into the EU. Customer should consult EU compliance requirements as it affects their own shipments.

Intel is pleased to announce the corresponding Pb-Free fully compliant product offerings are being established to allow for no exemption, continued product offering and shipment.

The legislative directive will limit or not allow continued shipment of non-compliant line items. The Pb-Based part numbers of these will be retired / discontinued as part of the conversion, and customers will be required to order the new Pb-Free part number.

As part of the conversion, the Solder metallization used to attach the Pb-Free Die bump to the substrate will change from Pb-Based to SAC 305 Pb-Free. The substrate plating will also be updated to Nickel (Ni), Palladium (Pd), Gold (Au) to match the current materials and process conditions already certified and used on all current Intel Pb-Free / RoHS compliant product offerings.

Customer Impact of Change and Recommended Action:

Please understand that Intel will retire / discontinue the current Pb-based part numbers and after conversion the customer will be guided to order the new Pb-Free part numbers to fulfill orders and continued shipment of the product. This will begin February 1st 2016 until conversion of the complete list no later than March 25th 2016.

There is no Form – Fit – Function change to the customer's application of the current as shipped product other than internal package change to meet the EU RoHS legislation, the MM#, and the Product Code 2 letter prefix, to manage inventory ease in compliance to the legislation. An updated notification will be provided later in the year 2015 to identify the FPO detail when the products convert.

Products Affected / Intel Ordering Codes:

Intel RoHS "Exemption 15" Marketing Name	Processor#	Lead Based Product Code	Pb Based MM#	Lead Free Based Product Code	Pb-Free MM#	Product S-Spec
Intel® Core™ Duo Processor	T2500	LF80539GF0412MX	881984	CP80539GF0412MX	944103	SL9EH
Intel® Core™ Duo Processor	U2500	LE80539UE0092MX	882751	CN80539UE0092MX	944104	SL9JQ
Intel® Core™ Duo Processor	L2400	LE80539LF0282MX	882790	CN80539LF0282MX	944108	SL9JT
Intel® Core™ Duo Processor	T2500	LE80539GF0412MX	882800	CN80539GF0412MX	944109	SL9K2
Intel® Pentium® 4 Processor	651	HH80552PG0962M	882911	BV80552PG0962M	944110	SL9KE
Intel® Celeron® D Processor	352	HH80552RE088512	882916	BV80552RE088512	944111	SL9KM
Intel® Xeon® Processor	N/A	LF80539KF0412M	883108	CP80539KF0412M	942798	SL9HN
Intel® Xeon® Processor	N/A	LF80539KF0282M	883109	CP80539KF0282M	942799	SL9HP
Intel® Xeon® Processor	N/A	LF80539JF0282M	883111	CP80539JF0282M	942800	SL9HS
Intel® Celeron® M Processor	440	LF80538NE0361ME	883490	CP80538NE0361ME	942801	SL9KW
Intel® Celeron® M Processor ULV	423	LE80538VE0041ME	883549	CN80538VE0041ME	942897	SL9L7
Intel® Celeron® M Processor	440	LE80538NE0361ME	884036	CN80538NE0361ME	942955	SL9LF
Intel® Celeron® Processor	440	HH80557RG041512	886890	BV80557RG041512	942957	SL9XL
Intel® Core™ 2 Duo Processor	U7500	LE80537UE0042M	888491	CN80537UE0042M	942958	SLV3X
Intel® Pentium® Processor	E2160	HH80557PG0331M	890245	BV80557PG0331M	942959	SLA8Z
Intel® Core™ 2 Duo Processor	E6400	HH80557PH0462M	890246	BV80557PH0462M	942960	SLA97
Intel® Core™ 2 Duo Processor	E4300	HH80557PG0332M	890247	BV80557PG0332M	942962	SLA99
Intel® Core™ 2 Duo Processor	T7500	LF80537GG0494M	891304	CP80537GG0494M	942963	SLAF8
Intel® Core™ 2 Duo Processor	T7500	LE80537GG0494M	891316	CN80537GG0494M	942965	SLADM
Intel® Core™ 2 Duo Processor	L7500	LE80537LG0254M	891454	CN80537LG0254M	942967	SLAET
Intel® Xeon® Processor LV	5138	HH80556JH0464M	891562	BV80556JH0464M	942968	SLAG3
Intel® Celeron® Processor	550	LF80537NE0411M	892324	CP80537NE0411M	942970	SLAJ9
Intel® Celeron® Processor	E1500	HH80557PG049D	893846	BV80557PG049D	942971	SLAQZ
Intel® Core™ 2 Duo Processor	U7500	LE80537UE0042M	895496	CN80537UE0042M	942972	SLAUT
Intel® Celeron® Processor	575	LF80537NF0411M	897851	CP80537NF0411M	942973	SLB6M
Intel® Core™ 2 Duo Processor	T7400	LF80537GF0484M	899869	CP80537GF0484M	942977	SLGFJ
Intel® Core™ 2 Duo Processor	T5500	LF80537GF0282M	899870	CP80537GF0282M	942978	SLGFK
Intel® Core™ 2 Duo Processor	T7400	LE80537GF0484M	899884	CN80537GF0484M	942980	SLGFV
Intel® Core™ 2 Duo Processor	L7400	LE80537LF0214M	899898	CN80537LF0214M	942981	SLGFX

PCN Revision History:

Date of Revision:

April 30, 2015

September 2, 2015

Revision Number:

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01

Reason:

Originally Published PCN

Updated Ready to Receive
Date