



Product Change Notification

111705 - 00

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Product Change Notification

Change Notification #: 111705 - 00
Change Title: Intel® Celeron® Processors and Intel® Core™ Processors
PCN 111705-00, Product Material
Date of Publication: October 16, 2012

Key Characteristics of the Change:

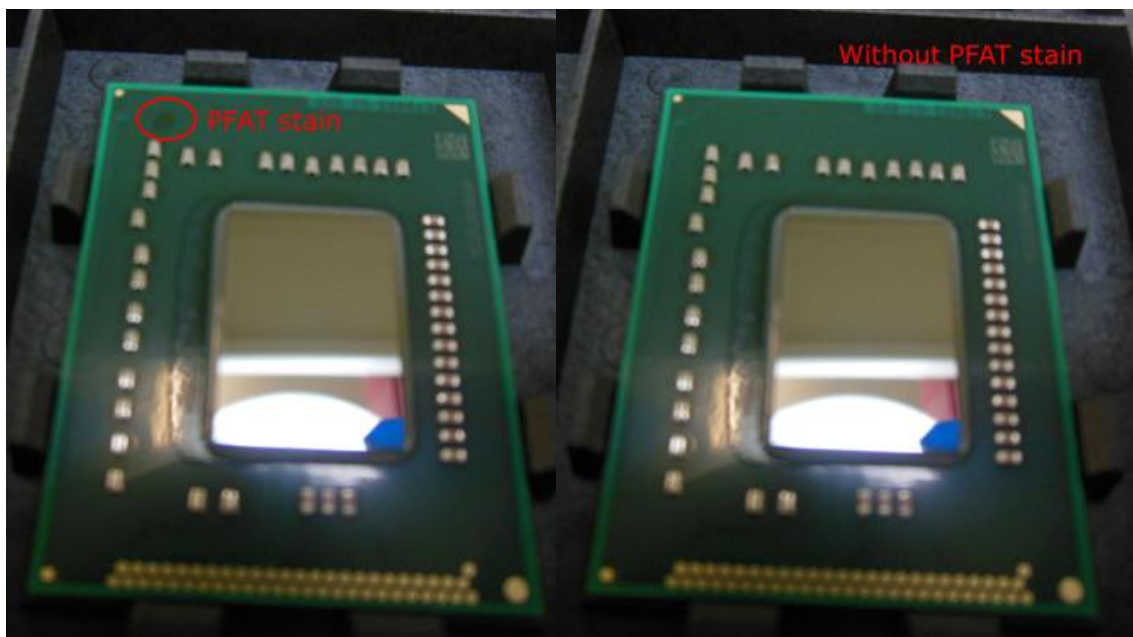
Product Material

Forecasted Key Milestones:

Date Customer Must be Ready to Receive Post-Conversion Material:	Nov 16, 2012
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Description of Change to the Customer:

PFAT (Paste Fiducial Alignment Technology) is the alignment technology for capacitors in CPU production process. Currently BGA stencil has 14 PFAT apertures, so all the units will have PFAT stain on substrate after production (Shown below). The stain doesn't meet the units reject criteria in PEVI. Due to production process upgrade, only 4 PFAT apertures on BGA stencil are needed to make alignment in production. After this change, the PFAT stain on substrate will be reduced, so customer will see most of the units without PFAT stain.



Customer Impact of Change and Recommended Action:

Intel anticipates no impact to customers.

Products Affected / Intel Ordering Codes:

Processor#	Frequency	Stepping	Product Code	S-Spec	MM#
I7-2840QM	2.4 GHZ	D2	AV8062700835001S R00V	S R00V	909663
I7-2720QM	2.2 GHZ	D2	AV8062700836011S R00W	S R00W	909664
I7-2740QM	2.3 GHZ	D2	AV8062700836100S R00X	S R00X	909665
I7-2860QM	2.5 GHZ	D2	AV8062701065200S R02Q	S R02Q	910240
I7-2760QM	2.4 GHZ	D2	AV8062701065400S R02R	S R02R	910241
I7-2675QM	2.2 GHZ	D2	AV8062701065600S R02S	S R02S	910242
I7-2635QM	2 GHZ	D2	AV8062700837205S R030	S R030	910296
I7-2655QM	2.1 GHZ	D2	AV8062700837300S R031	S R031	910297
I7-2657M	1.6 GHZ	J1	AV8062701040804S R03S	S R03S	910398
I7-2617M	1.5 GHZ	J1	AV8062701040904S R03T	S R03T	910399
I5-2537M	1.4 GHZ	J1	AV8062701047107S R03W	S R03W	910402
I3-2357M	1.3 GHZ	J1	AV8062701047702S R03J	S R03J	910407
I3-2397M	1.5 GHZ	J1	AV8062701048002S R03L	S R03L	910409
I5-2540LM	1.8 GHZ	J1	AV8062701065702S R03M	S R03M	910410
I5-2560LM	1.9 GHZ	J1	AV8062701065903S R03N	S R03N	910411
I3-2350LM	1.6 GHZ	J1	AV8062701066002S R03P	S R03P	910412
I3-2370LM	1.7 GHZ	J1	AV8062701066102S R03Q	S R03Q	910413
I7-2620M	2.7 GHZ	J1	AV8062700839009S R041	S R041	910454
I7-2640M	2.8 GHZ	J1	AV8062700839107S R043	S R043	910455
I5-2540M	2.6 GHZ	J1	AV8062700839411S R046	S R046	910458
I5-2560M	2.7 GHZ	J1	AV8062700839505S R047	S R047	910459
I5-2520M	2.5 GHZ	J1	AV8062700844214S R04A	S R04A	910462
I5-2540M	2.6 GHZ	J1	AV8062700844302S R042	S R042	910463
I5-2410M	2.3 GHZ	J1	AV8062700845406S R04G	S R04G	910466
I3-2330M	2.2 GHZ	J1	AV8062700846806S R04L	S R04L	910470
I3-2390M	2.5 GHZ	J1	AV8062700846906S R04M	S R04M	910471
I7-2649M	2.3 GHZ	J1	AV8062700850010S R04N	S R04N	910472
I7-2689M	2.4 GHZ	J1	AV8062700850807S R04C	S R04C	910473
I7-2629M	2.1 GHZ	J1	AV8062700851111S R04D	S R04D	910474
I7-2669M	2.2 GHZ	J1	AV8062700851205S R04E	S R04E	910475
I3-2310M	2.1 GHZ	J1	AV8062700999605S R04S	S R04S	910495
I5-2475M	2.6 GHZ	J1	AV8062700845507S R06X	S R06X	911104
I5-2435M	2.4 GHZ	J1	AV8062700995706S R06Y	S R06Y	911105
I5-2450M	2.5 GHZ	J1	AV8062700995806S R06Z	S R06Z	911106
I5-2415M	2.3 GHZ	J1	AV8062701085700S R071	S R071	911275
I5-2430M	2.4 GHZ	J1	AV8062701085800S R072	S R072	911276
I7-2715QE	2.1 GHZ	D2	AV8062700843908S R076	S R076	911594
I3-2310E	2.1 GHZ	D2	AV8062700849116S R077	S R077	911597
I7-2655LE	2.2 GHZ	D2	AV8062700849508S R078	S R078	911598
I7-2610UE	1.5 GHZ	D2	AV8062700849607S R079	S R079	911599
I3-2340UE	1.3 GHZ	D2	AV8062700849710S R074	S R074	911600
I5-2515E	2.5 GHZ	D2	AV8062700853208S R075	S R075	911601
807	1.2 GHZ	J1	AV8062701079700S R07G	S R07G	912306
817	1.3 GHZ	J1	AV8062701079800S R07H	S R07H	912307
827	1.4 GHZ	J1	AV8062701079900S R07J	S R07J	912308
837	1.5 GHZ	J1	AV8062701080000S R07K	S R07K	912309
957	1.2 GHZ	Q0	AV8062700852600S R089	S R089	912328
987	1.5 GHZ	Q0	AV8062701084700S R08E	S R08E	912339
997	1.6 GHZ	Q0	AV8062701084800S R08F	S R08F	912340

847	1.1 GHZ	Q0	AV8062700852800S R08N	S R08N	912341
927	1.9 GHZ	Q0	AV8062701085000S R08W	S R08W	912357
917	1.8 GHZ	Q0	AV8062701085100S R08X	S R08X	912358
907	1.7 GHZ	Q0	AV8062701085200S R08Y	S R08Y	912359
897	1.6 GHZ	Q0	AV8062701085300S R08Z	S R08Z	912360
887	1.5 GHZ	Q0	AV8062701085400S R090	S R090	912361
877	1.4 GHZ	Q0	AV8062701085500S R08U	S R08U	912362
I5-2477M	1.4 GHZ	J1	AV8062701047503S R0BG	S R0BG	913054
I5-2497M	1.5 GHZ	J1	AV8062701047604S R0BH	S R0BH	913065
I3-2357M	1.3 GHZ	J1	AV8062701047703S R0BJ	S R0BJ	913075
I3-2397M	1.5 GHZ	J1	AV8062701048003S R0BL	S R0BL	913097
I7-2667M	1.6 GHZ	J1	AV8062701121600S R0BM	S R0BM	913108
I7-2627M	1.5 GHZ	J1	AV8062701121700S R0BN	S R0BN	913112
I5-2547M	1.4 GHZ	J1	AV8062701121800S R0BP	S R0BP	913113
B810E	1.6 GHZ	Q0	AV8062700849802S R0BT	S R0BT	914004
847E	1.1 GHZ	Q0	AV8062700849902S R0BU	S R0BU	914015
887E	1.5 GHZ	Q0	AV8062701082200S R0BV	S R0BV	914025
B860E	2.1 GHZ	Q0	AV8062701082400S R0BX	S R0BX	914038
827E	1.4 GHZ	Q0	AV8062701082300S R0C6	S R0C6	914933
I5-2535QM	2 GHZ	D2	AV8062700838300S R0CL	S R0CL	915414
I5-2570QM	2.1 GHZ	D2	AV8062701020900S R0CM	S R0CM	915415
I5-2557M	1.7 GHZ	J1	AV8062701047204S R0CS	S R0CS	915517
I5-2477M	1.6 GHZ	J1	AV8062701047605S R0CU	S R0CU	915519
I3-2367M	1.4 GHZ	J1	AV8062701047904S R0CV	S R0CV	915520
I3-2377M	1.5 GHZ	J1	AV8062701048004S R0CW	S R0CW	915521
I7-2667M	1.8 GHZ	J1	AV8062701121601S R0CX	S R0CX	915522
I7-2627M	1.7 GHZ	J1	AV8062701121701S R0CY	S R0CY	915523
I5-2547M	1.6 GHZ	J1	AV8062701121801S R0CZ	S R0CZ	915524
I5-2497M	1.7 GHZ	J1	AV8062701140800S R0D0	S R0D0	915526
I5-2487M	1.6 GHZ	J1	AV8062701140900S R0D1	S R0D1	915527
I7-2677M	1.8 GHZ	J1	AV8062701041005S R0D2	S R0D2	915744
I7-2637M	1.7 GHZ	J1	AV8062701041105S R0D3	S R0D3	915745
I5-2467M	1.6 GHZ	J1	AV8062701047504S R0D4	S R0D4	915902
I5-2467M	1.6 GHZ	J1	AV8062701047504S R0D6	S R0D6	915947
I5-2477M	1.6 GHZ	J1	AV8062701047605S R0D7	S R0D7	915948
I3-2390M	2.5 GHZ	J1	AV8062700846907S R0DM	S R0DM	916668
I3-2350M	2.3 GHZ	J1	AV8062700996106S R0DQ	S R0DQ	916671
I3-2370M	2.4 GHZ	J1	AV8062700996206S R0DR	S R0DR	916672
787	1.3 GHZ	J1	AV8062701079501S R0EC	S R0EC	916693
797	1.4 GHZ	J1	AV8062701079601S R0ED	S R0ED	916694
817	1.6 GHZ	J1	AV8062701079801S R0EF	S R0EF	916696
827	1.7 GHZ	J1	AV8062701079901S R0EG	S R0EG	916697
837	1.8 GHZ	J1	AV8062701080001S R0EH	S R0EH	916698
967	1.3 GHZ	Q0	AV8062701022501S R0EX	S R0EX	916712
987	1.5 GHZ	Q0	AV8062701084701S R0F1	S R0F1	916717
927	1.9 GHZ	Q0	AV8062701085001S R0F3	S R0F3	916719
917	1.8 GHZ	Q0	AV8062701085101S R0F4	S R0F4	916720
907	1.7 GHZ	Q0	AV8062701085201S R0F5	S R0F5	916721
897	1.6 GHZ	Q0	AV8062701085301S R0F6	S R0F6	916722
877	1.4 GHZ	Q0	AV8062701085501S R0F8	S R0F8	916724
997	1.6 GHZ	J1	AV8062701147501S R0F9	S R0F9	916821
987	1.5 GHZ	J1	AV8062701147601S R0FA	S R0FA	916822

977	1.4 GHZ	J1	AV8062701147701S R0FB	S R0FB	916823
967	1.3 GHZ	J1	AV8062701147801S R0FC	S R0FC	916824
877	1.4 GHZ	J1	AV8062701148001S R0FD	S R0FD	916825
887	1.5 GHZ	J1	AV8062701148101S R0FE	S R0FE	916826
897	1.6 GHZ	J1	AV8062701148201S R0FF	S R0FF	916827
907	1.7 GHZ	J1	AV8062701148301S R0FG	S R0FG	916828
917	1.8 GHZ	J1	AV8062701148401S R0FH	S R0FH	916829
927	1.9 GHZ	J1	AV8062701148801S R0FJ	S R0FJ	916830
867	1.3 GHZ	J1	AV8062701148901S R0FK	S R0FK	916831
857	1.2 GHZ	J1	AV8062701149001S R0FL	S R0FL	916832
I3-2395M	2.6 GHZ	J1	AV8062701070900S R0G7	S R0G7	917738
I5-2490M	2.7 GHZ	J1	AV8062701071200S R0GA	S R0GA	917741
I7-2660M	2.9 GHZ	J1	AV8062701122000S R0GC	S R0GC	917749
I5-2580M	2.8 GHZ	J1	AV8062701122300S R0GD	S R0GD	917750
I3-2397M	1.7 GHZ	J1	AV8062701160100S R0GG	S R0GG	917754
I7-2685QM	2.3 GHZ	D2	AV8062701160200S R0GH	S R0GH	917758
807UE	1 GHZ	Q0	AV8062701188200S R0NB	S R0NB	919712
807	1.5 GHZ	J1	AV8062701079702S R0PW	S R0PW	920166
817	1.6 GHZ	J1	AV8062701079802S R0PX	S R0PX	920167
827	1.7 GHZ	J1	AV8062701079902S R0PY	S R0PY	920168
837	1.8 GHZ	J1	AV8062701080002S R0Q0	S R0Q0	920170
I3-2355M	1.3 GHZ	J1	AV8062701312800S R0U2	S R0U2	921890
I3-2365M	1.4 GHZ	J1	AV8062701313000S R0U3	S R0U3	921891
I3-2375M	1.5 GHZ	J1	AV8062701313100S R0U4	S R0U4	921892
977	1.4 GHZ	Q0	AV8062701022601S R0V1	S R0V1	922531
857	1.2 GHZ	Q0	AV8062701022701S R0V2	S R0V2	922532
867	1.3 GHZ	Q0	AV8062701022801S R0V3	S R0V3	922533
987	1.5 GHZ	Q0	AV8062701084701S R0V4	S R0V4	922534
997	1.6 GHZ	Q0	AV8062701084801S R0V5	S R0V5	922535
927	1.9 GHZ	Q0	AV8062701085001S R0V6	S R0V6	922536
917	1.8 GHZ	Q0	AV8062701085101S R0V7	S R0V7	922537
907	1.7 GHZ	Q0	AV8062701085201S R0V8	S R0V8	922538
897	1.6 GHZ	Q0	AV8062701085301S R0V9	S R0V9	922539
887	1.5 GHZ	Q0	AV8062701085401S R0VA	S R0VA	922540
877	1.4 GHZ	Q0	AV8062701085501S R0VB	S R0VB	922541
787	1.3 GHZ	Q0	AV8062701345400S R0VJ	S R0VJ	922582
797	1.4 GHZ	Q0	AV8062701345500S R0VK	S R0VK	922583
807	1.5 GHZ	Q0	AV8062701345600S R0VL	S R0VL	922584
817	1.6 GHZ	Q0	AV8062701345700S R0VM	S R0VM	922599

PCN Revision History:

Date of Revision:

October 16, 2012

Revision Number:

00

Reason:

Originally Published PCN