

PROCESS CHANGE NOTIFICATION

PCN1102

ADDITIONAL WAFER FABRICATION SITE FOR STRATIX IV, ARRIA II, AND HARDCOPY DEVICES

Change Description

Altera[®] will be introducing Taiwan Semiconductor Manufacturing Company (TSMC) Fab 14 as an additional source for the Stratix[®] IV, Arria[®] II, HardCopy[®] III and IV devices. Fab 14 is located in Tainan, Taiwan. The affected product families are manufactured using 40-nm process technology.

Recommended Action

No action is recommended as a result of this change. Altera's FabMatch[®] methodology is a rigorous process that is used to ensure product equivalency from both sites.

This change does not affect the form, fit, or function as defined in the product data sheets and is backwards compatible with existing devices.




Reason for Change



This change is being implemented to improve manufacturing efficiency and to better support long-term demand for the affected products. This second source also supports Altera's supply-chain risk-mitigation strategy by establishing the capability to produce equivalent product from multiple qualified locations. TSMC is a fully qualified manufacturer for Altera products.




Products Affected

The product lines affected by this change are listed in Table 1. Appendix 1 contains a list of the current ordering part numbers.

Table 1: Affected Product Lines

Product Family	Product Line	Estimated Sample Availability	Estimated Earliest Shipment
	EP4SE230	March 2011	June 2011
	EP4SE360	March 2011	June 2011
	EP4SE530	Jan 2011	April 2011
	EP4SE820	March 2011	June 2011
	EP4S40G2	March 2011	June 2011
	EP4S40G5	March 2011	June 2011
	EP4S100G2	March 2011	June 2011
	EP4S100G3	March 2011	June 2011
	EP4S100G4	March 2011	June 2011
	EP4SGX70	March 2011	June 2011
	EP4SGX110	March 2011	June 2011
	EP4SGX180	March 2011	June 2011
	EP4SGX230	March 2011	June 2011
	EP4SGX290	March 2011	June 2011
	EP4SGX360	March 2011	June 2011
	EP4SGX530	Jan 2011	April 2011

Product Family	Product Line	Estimated Sample Availability	Estimated Earliest Shipment
	EP2AGX45	March 2011	June 2011
	EP2AGX65	March 2011	June 2011
	EP2AGX95	March 2011	June 2011
	EP2AGX125	March 2011	June 2011
	EP2AGX190	March 2011	June 2011
	EP2AGX260	March 2011	June 2011
	EP2AGZ225	March 2011	June 2011
	EP2AGZ300	March 2011	June 2011
	EP2AGZ350	March 2011	June 2011

Product Family	Product Line	Estimated Sample Availability	Estimated Earliest Shipment
	HC325	Sept 2011	Dec 2011
	HC335	Sept 2011	Dec 2011
	HC4E25	Sept 2011	Dec 2011
	HC4E35	Sept 2011	Dec 2011
	HC4GX25	Sept 2011	Dec 2011
	HC4GX35	Sept 2011	Dec 2011

Note: Earliest shipment is 90 days from sample availability

Please visit Altera's sample request page for availability.

For device samples please visit <http://www.samplecomponents.com/scripts/SampleCenter.dll?Altera>

Product Traceability and Transition Dates





The earliest shipment of 40nm products from Fab 14 could occur is March 2011. Customers may receive 40-nm products from Fab 14 beginning with a date-code marking of 1113 or later on the top of the package, refer to Figure 1. The 1113 date-code marking indicates the earliest date 40nm products could ship from Fab 14. However, initial samples may have an earlier date code marking.

The wafer fabrication location can be identified by the topside marking, refer to Table 2.

Figure 1: Date-code Marking

Altera Date-code Marking Format
A XβZαα1113T

Table 2: Wafer Fab Traceability

Product Family	Date Code Example	5 th and 6 th Character Process Code "αα"	Fab Location
	A XβZαα1113T	AG	Fab 14
		A8	Fab 12
	A XβZαα1113T	AN	Fab 14
		A9	Fab 12
	A XβZαα1113T	AG	Fab 14
		A8	Fab 12
	A XβZαα1113T	TBD	Fab 14
		AB, AD, AE	Fab 12

Qualification Data

TSMC's FAB 14 fabrication site has been qualified using the FabMatch methodology developed by Altera and TSMC. This methodology ensures that a process technology is duplicated between facilities. The FabMatch approach also ensures that the device performance and reliability for both fabs, including all critical parameters measured, are well matched and therefore within the product acceptance specifications.

Reliability results below support the TSMC F14, 40-nm FabMatch qualification, refer to Table 3. The FabMatch report will be available on request.

Table 3: Summary of Qualification Data

Product Family	Product Line	Representative Packages	Qualification Test	Readout	Results
Stratix IV GX	EP4SGX530	H1517	High Temp Bake 150°C	1000 hrs	0/ 33
			Life Test @ 125°C	1000 hrs	0/ 29

Note: Additional qualification data is being collected. This PCN will be updated as the results become available.

Contact

For more information, please contact Altera Technical Support by submitting a Service Request at Altera's [mySupport](#) website.

Customer Notifications Subscription

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If you would like to receive customer notifications by e-mail, please subscribe to our customer notification mailing list at <https://www.altera.com/subscriptions/email/signup/eml-index.jsp>


In accordance with JESD46-C, this change is deemed acceptable to the customer if no acknowledgement is received within 30 days from this notification.

Revision History

Date	Rev	Description
01/27/2011	1.0.0	Initial Release

Appendix 1: Affected Ordering Part Numbers

			
EP4SE230F29C2	EP4SE360F40I4N	EP4SE530H35C2N	EP4SE820F43C4N
EP4SE230F29C2N	EP4SE360H29C2	EP4SE530H35C3	EP4SE820F43I3
EP4SE230F29C3	EP4SE360H29C2N	EP4SE530H35C3N	EP4SE820F43I3N
EP4SE230F29C3N	EP4SE360H29C3	EP4SE530H35C4	EP4SE820F43I4
EP4SE230F29C4	EP4SE360H29C3N	EP4SE530H35C4N*	EP4SE820F43I4N
EP4SE230F29C4N	EP4SE360H29C4	EP4SE530H35I3	EP4SE820H35C3
EP4SE230F29I3	EP4SE360H29C4N	EP4SE530H35I3N*	EP4SE820H35C3N
EP4SE230F29I3N	EP4SE360H29I3	EP4SE530H35I4	EP4SE820H35C4
EP4SE230F29I4	EP4SE360H29I3N	EP4SE530H35I4N	EP4SE820H35C4N
EP4SE230F29I4N	EP4SE360H29I4	EP4SE530H40C2	EP4SE820H35I3
EP4SE230F35I4N*	EP4SE360H29I4N	EP4SE530H40C2N	EP4SE820H35I3N
EP4SE360F35C2	EP4SE530F43C2	EP4SE530H40C3	EP4SE820H35I4
EP4SE360F35C2N	EP4SE530F43C2N	EP4SE530H40C3N	EP4SE820H35I4N
EP4SE360F35C3	EP4SE530F43C3	EP4SE530H40C4	EP4SE820H40C3
EP4SE360F35C3N	EP4SE530F43C3N	EP4SE530H40C4N*	EP4SE820H40C3N
EP4SE360F35C4	EP4SE530F43C4	EP4SE530H40I3	EP4SE820H40C4
EP4SE360F35C4N	EP4SE530F43C4N	EP4SE530H40I3N	EP4SE820H40C4N
EP4SE360F35I3	EP4SE530F43I3	EP4SE530H40I4	EP4SE820H40I3
EP4SE360F35I3N	EP4SE530F43I3N	EP4SE530H40I4N	EP4SE820H40I3N
EP4SE360F35I4	EP4SE530F43I4	EP4SE820F43C3	EP4SE820H40I4
EP4SE360F35I4N	EP4SE530F43I4N	EP4SE820F43C3N	EP4SE820H40I4N
EP4SE360F40I4	EP4SE530H35C2	EP4SE820F43C4	


			
EP4S100G2F40C2	EP4S100G3F45I3N	EP4S100G5F45I3	EP4S40G2F40I2
EP4S100G2F40C2N	EP4S100G4F45I1	EP4S100G5F45I3N	EP4S40G2F40I2N
EP4S100G2F40I1	EP4S100G4F45I1N	EP4S100G5H40C2	EP4S40G2F40I3
EP4S100G2F40I1N	EP4S100G4F45I2	EP4S100G5H40I1	EP4S40G2F40I3N
EP4S100G2F40I2	EP4S100G4F45I2N	EP4S100G5H40I1N	EP4S40G4H40I2N*
EP4S100G2F40I2N	EP4S100G4F45I3	EP4S100G5H40I2	EP4S40G5H40C2
EP4S100G2F40I3	EP4S100G4F45I3N	EP4S100G5H40I2N	EP4S40G5H40C2N
EP4S100G2F40I3N	EP4S100G5F45C2	EP4S100G5H40I3	EP4S40G5H40I1
EP4S100G3F45I1	EP4S100G5F45C2N	EP4S100G5H40I3N	EP4S40G5H40I1N
EP4S100G3F45I1N	EP4S100G5F45I1	EP4S40G2F40C2	EP4S40G5H40I2
EP4S100G3F45I2	EP4S100G5F45I1N	EP4S40G2F40C2N	EP4S40G5H40I2N
EP4S100G3F45I2N	EP4S100G5F45I2	EP4S40G2F40I1	EP4S40G5H40I3
EP4S100G3F45I3	EP4S100G5F45I2N	EP4S40G2F40I1N	EP4S40G5H40I3N

Appendix 1: Affected Ordering Part Numbers (continued)



EP4SGX70DF29C2X	EP4SGX110HF35I3N	EP4SGX230DF29C3	EP4SGX290FF35I4
EP4SGX70DF29C2XN	EP4SGX110HF35I4	EP4SGX230DF29C3N	EP4SGX290FF35I4N
EP4SGX70DF29C3	EP4SGX110HF35I4N	EP4SGX230DF29C4	EP4SGX290FH29C2X
EP4SGX70DF29C3N		EP4SGX230DF29C4N	EP4SGX290FH29C2XN
EP4SGX70DF29C4	EP4SGX180DF29C2X	EP4SGX230DF29I3	EP4SGX290FH29C3
EP4SGX70DF29C4N	EP4SGX180DF29C2XN	EP4SGX230DF29I3N	EP4SGX290FH29C3N
EP4SGX70DF29I3	EP4SGX180DF29C3	EP4SGX230DF29I4	EP4SGX290FH29C4
EP4SGX70DF29I3N	EP4SGX180DF29C3N	EP4SGX230DF29I4N	EP4SGX290FH29C4N
EP4SGX70DF29I4	EP4SGX180DF29C4	EP4SGX230FF35C2N	EP4SGX290FH29I3
EP4SGX70DF29I4N	EP4SGX180DF29C4N	EP4SGX230FF35C2X	EP4SGX290FH29I3N
EP4SGX70HF35C2	EP4SGX180DF29I3	EP4SGX230FF35C2XN	EP4SGX290FH29I4
EP4SGX70HF35C2N	EP4SGX180DF29I3N	EP4SGX230FF35C3	EP4SGX290FH29I4N
EP4SGX70HF35C3	EP4SGX180DF29I4	EP4SGX230FF35C3N	EP4SGX290HF35C2
EP4SGX70HF35C3N	EP4SGX180DF29I4N	EP4SGX230FF35C4	EP4SGX290HF35C2N
EP4SGX70HF35C4	EP4SGX180FF35C2X	EP4SGX230FF35C4N*	EP4SGX290HF35C3
EP4SGX70HF35C4N	EP4SGX180FF35C2XN	EP4SGX230FF35I3	EP4SGX290HF35C3N
EP4SGX70HF35I3	EP4SGX180FF35C3	EP4SGX230FF35I3N	EP4SGX290HF35C4
EP4SGX70HF35I3N	EP4SGX180FF35C3N	EP4SGX230FF35I4	EP4SGX290HF35C4N
EP4SGX70HF35I4	EP4SGX180FF35C4	EP4SGX230FF35I4N	EP4SGX290HF35I3
EP4SGX70HF35I4N	EP4SGX180FF35C4N	EP4SGX230HF35C2	EP4SGX290HF35I3N
	EP4SGX180FF35I3	EP4SGX230HF35C2N	EP4SGX290HF35I4
EP4SGX110DF29C2X	EP4SGX180FF35I3N	EP4SGX230HF35C3	EP4SGX290HF35I4N
EP4SGX110DF29C2XN	EP4SGX180FF35I4	EP4SGX230HF35C3N	EP4SGX290KF40C2
EP4SGX110DF29C3	EP4SGX180FF35I4N	EP4SGX230HF35C4	EP4SGX290KF40C2N
EP4SGX110DF29C3N	EP4SGX180HF35C2	EP4SGX230HF35C4N	EP4SGX290KF40C3
EP4SGX110DF29C4	EP4SGX180HF35C2N	EP4SGX230HF35I3	EP4SGX290KF40C3N*
EP4SGX110DF29C4N	EP4SGX180HF35C3	EP4SGX230HF35I3N	EP4SGX290KF40C4
EP4SGX110DF29I3	EP4SGX180HF35C3N	EP4SGX230HF35I4	EP4SGX290KF40C4N
EP4SGX110DF29I3N	EP4SGX180HF35C4	EP4SGX230HF35I4N	EP4SGX290KF40I3
EP4SGX110DF29I4	EP4SGX180HF35C4N	EP4SGX230KF40C2	EP4SGX290KF40I3N
EP4SGX110DF29I4N	EP4SGX180HF35I3	EP4SGX230KF40C2N	EP4SGX290KF40I4
EP4SGX110FF35C2X	EP4SGX180HF35I3N	EP4SGX230KF40C3	EP4SGX290KF40I4N
EP4SGX110FF35C2XN	EP4SGX180HF35I4	EP4SGX230KF40C3N*	EP4SGX290KF43C2
EP4SGX110FF35C3	EP4SGX180HF35I4N	EP4SGX230KF40C4	EP4SGX290KF43C2N
EP4SGX110FF35C3N	EP4SGX180KF40C2	EP4SGX230KF40C4N	EP4SGX290KF43C3
EP4SGX110FF35C4	EP4SGX180KF40C2N	EP4SGX230KF40I3	EP4SGX290KF43C3N
EP4SGX110FF35C4N	EP4SGX180KF40C3	EP4SGX230KF40I3N	EP4SGX290KF43C4
EP4SGX110FF35I3	EP4SGX180KF40C3N	EP4SGX230KF40I4	EP4SGX290KF43C4N
EP4SGX110FF35I3N	EP4SGX180KF40C4	EP4SGX230KF40I4N	EP4SGX290KF43I3
EP4SGX110FF35I4	EP4SGX180KF40C4N		EP4SGX290KF43I3N
EP4SGX110FF35I4N	EP4SGX180KF40I3	EP4SGX290FF35C2X*	EP4SGX290KF43I4
EP4SGX110HF35C2	EP4SGX180KF40I3N	EP4SGX290FF35C2XN	EP4SGX290KF43I4N
EP4SGX110HF35C2N	EP4SGX180KF40I4	EP4SGX290FF35C3	EP4SGX290NF45C2
EP4SGX110HF35C3	EP4SGX180KF40I4N	EP4SGX290FF35C3N	EP4SGX290NF45C2N
EP4SGX110HF35C3N		EP4SGX290FF35C4	EP4SGX290NF45C3
EP4SGX110HF35C4	EP4SGX230DF29C2N	EP4SGX290FF35C4N	EP4SGX290NF45C3N
EP4SGX110HF35C4N	EP4SGX230DF29C2X	EP4SGX290FF35I3	EP4SGX290NF45C4
EP4SGX110HF35I3	EP4SGX230DF29C2XN	EP4SGX290FF35I3N	EP4SGX290NF45C4N

Appendix 1: Affected Ordering Part Numbers (continued)

			
EP4SGX290NF45I3	EP4SGX360HF35C3	EP4SGX360NF45C2	EP4SGX530KF43I3N
EP4SGX290NF45I3N	EP4SGX360HF35C3N	EP4SGX360NF45C2N	EP4SGX530KF43I4
EP4SGX290NF45I4	EP4SGX360HF35C4	EP4SGX360NF45C3	EP4SGX530KF43I4N
EP4SGX290NF45I4N	EP4SGX360HF35C4N	EP4SGX360NF45C3N	EP4SGX530KH40C2
EP4SGX295HH35I4N*	EP4SGX360HF35I3	EP4SGX360NF45C4	EP4SGX530KH40C2N
	EP4SGX360HF35I3N	EP4SGX360NF45C4N	EP4SGX530KH40C3
EP4SGX360FF35C2X	EP4SGX360HF35I4	EP4SGX360NF45I3	EP4SGX530KH40C3N
EP4SGX360FF35C2XN	EP4SGX360HF35I4N	EP4SGX360NF45I3N	EP4SGX530KH40C4
EP4SGX360FF35C3	EP4SGX360KF40C2	EP4SGX360NF45I4	EP4SGX530KH40C4N
EP4SGX360FF35C3N	EP4SGX360KF40C2N	EP4SGX360NF45I4N	EP4SGX530KH40I3
EP4SGX360FF35C4	EP4SGX360KF40C3		EP4SGX530KH40I3N
EP4SGX360FF35C4N	EP4SGX360KF40C3N	EP4SGX530HH35C2	EP4SGX530KH40I4
EP4SGX360FF35I3	EP4SGX360KF40C4	EP4SGX530HH35C2N	EP4SGX530KH40I4N
EP4SGX360FF35I3N	EP4SGX360KF40C4N	EP4SGX530HH35C3	EP4SGX530NF45C2
EP4SGX360FF35I4	EP4SGX360KF40I3	EP4SGX530HH35C3N	EP4SGX530NF45C2N
EP4SGX360FF35I4N	EP4SGX360KF40I3N	EP4SGX530HH35C4	EP4SGX530NF45C3
EP4SGX360FH29C2X	EP4SGX360KF40I4	EP4SGX530HH35C4N	EP4SGX530NF45C3N
EP4SGX360FH29C2XN	EP4SGX360KF40I4N	EP4SGX530HH35I3	EP4SGX530NF45C4
EP4SGX360FH29C3	EP4SGX360KF43C2	EP4SGX530HH35I3N*	EP4SGX530NF45C4N
EP4SGX360FH29C3N	EP4SGX360KF43C2N	EP4SGX530HH35I4	EP4SGX530NF45I3
EP4SGX360FH29C4	EP4SGX360KF43C3	EP4SGX530HH35I4N	EP4SGX530NF45I3N*
EP4SGX360FH29C4N	EP4SGX360KF43C3N	EP4SGX530KF43C2	EP4SGX530NF45I4
EP4SGX360FH29I3	EP4SGX360KF43C4	EP4SGX530KF43C2N	EP4SGX530NF45I4N
EP4SGX360FH29I3N	EP4SGX360KF43C4N	EP4SGX530KF43C3	
EP4SGX360FH29I4	EP4SGX360KF43I3	EP4SGX530KF43C3N	
EP4SGX360FH29I4N	EP4SGX360KF43I3N	EP4SGX530KF43C4	
EP4SGX360HF35C2	EP4SGX360KF43I4	EP4SGX530KF43C4N	
EP4SGX360HF35C2N	EP4SGX360KF43I4N	EP4SGX530KF43I3	

Appendix 1: Affected Ordering Part Numbers (continued)



EP2AGX45CU17C4	EP2AGX65CU17C4	EP2AGX95DF25C4	EP2AGX125DF25C4
EP2AGX45CU17C4N	EP2AGX65CU17C4N	EP2AGX95DF25C4N	EP2AGX125DF25C4N
EP2AGX45CU17C5	EP2AGX65CU17C5	EP2AGX95DF25C5	EP2AGX125DF25C5
EP2AGX45CU17C5N	EP2AGX65CU17C5N	EP2AGX95DF25C5N	EP2AGX125DF25C5N
EP2AGX45CU17C6	EP2AGX65CU17C6	EP2AGX95DF25C6	EP2AGX125DF25C6
EP2AGX45CU17C6N	EP2AGX65CU17C6N	EP2AGX95DF25C6N	EP2AGX125DF25C6N
EP2AGX45CU17I5	EP2AGX65CU17I5	EP2AGX95DF25I5	EP2AGX125DF25I5
EP2AGX45CU17I5N	EP2AGX65CU17I5N	EP2AGX95DF25I5N	EP2AGX125DF25I5N
EP2AGX45DF25C4	EP2AGX65DF25C4	EP2AGX95EF29C4	EP2AGX125EF29C4
EP2AGX45DF25C4N	EP2AGX65DF25C4N	EP2AGX95EF29C4N	EP2AGX125EF29C4N
EP2AGX45DF25C5	EP2AGX65DF25C5	EP2AGX95EF29C5	EP2AGX125EF29C5
EP2AGX45DF25C5N	EP2AGX65DF25C5N	EP2AGX95EF29C5N	EP2AGX125EF29C5N
EP2AGX45DF25C6	EP2AGX65DF25C6	EP2AGX95EF29C6	EP2AGX125EF29C6
EP2AGX45DF25C6N *	EP2AGX65DF25C6N	EP2AGX95EF29C6N	EP2AGX125EF29C6N
EP2AGX45DF25I3N	EP2AGX65DF25I3N	EP2AGX95EF29I3N	EP2AGX125EF29I3
EP2AGX45DF25I5	EP2AGX65DF25I5	EP2AGX95EF29I5	EP2AGX125EF29I3N *
EP2AGX45DF25I5N	EP2AGX65DF25I5N	EP2AGX95EF29I5N	EP2AGX125EF29I5
EP2AGX45DF29C4	EP2AGX65DF29C4	EP2AGX95EF35C4	EP2AGX125EF29I5N
EP2AGX45DF29C4N	EP2AGX65DF29C4N	EP2AGX95EF35C4N	EP2AGX125EF35C4
EP2AGX45DF29C5	EP2AGX65DF29C5	EP2AGX95EF35C5	EP2AGX125EF35C4N
EP2AGX45DF29C5N	EP2AGX65DF29C5N	EP2AGX95EF35C5N	EP2AGX125EF35C5
EP2AGX45DF29C6	EP2AGX65DF29C6	EP2AGX95EF35C6	EP2AGX125EF35C5N
EP2AGX45DF29C6N	EP2AGX65DF29C6N	EP2AGX95EF35C6N	EP2AGX125EF35C6
EP2AGX45DF29I3N	EP2AGX65DF29I3N *	EP2AGX95EF35I3N	EP2AGX125EF35C6N
EP2AGX45DF29I5	EP2AGX65DF29I5	EP2AGX95EF35I5	EP2AGX125EF35I3
EP2AGX45DF29I5N	EP2AGX65DF29I5N *	EP2AGX95EF35I5N	EP2AGX125EF35I3N
	EP2AGX65DM17I6N *		EP2AGX125EF35I5
			EP2AGX125EF35I5N *






EP2AGX190EF29C4	EP2AGX190FF35C4	EP2AGX260EF29C4	EP2AGX260FF35C4
EP2AGX190EF29C4N	EP2AGX190FF35C4N *	EP2AGX260EF29C4N	EP2AGX260FF35C4N
EP2AGX190EF29C5	EP2AGX190FF35C5	EP2AGX260EF29C5	EP2AGX260FF35C5
EP2AGX190EF29C5N	EP2AGX190FF35C5N	EP2AGX260EF29C5N	EP2AGX260FF35C5N
EP2AGX190EF29C6	EP2AGX190FF35C6	EP2AGX260EF29C6	EP2AGX260FF35C6
EP2AGX190EF29C6N	EP2AGX190FF35C6N	EP2AGX260EF29C6N	EP2AGX260FF35C6N
EP2AGX190EF29I3N *	EP2AGX190FF35I3N *	EP2AGX260EF29I3N	EP2AGX260FF35I3N *
EP2AGX190EF29I5	EP2AGX190FF35I5	EP2AGX260EF29I5	EP2AGX260FF35I5
EP2AGX190EF29I5N	EP2AGX190FF35I5N	EP2AGX260EF29I5N	EP2AGX260FF35I5N



EP2AGZ225FF35C3N	EP2AGZ300FF35C3N	EP2AGZ300HF40C3N	EP2AGZ350FH29C3N
EP2AGZ225FF35C4N	EP2AGZ300FF35C4N	EP2AGZ300HF40C4N	EP2AGZ350FH29C4N
EP2AGZ225FF35I3N	EP2AGZ300FF35I3N	EP2AGZ300HF40I3N	EP2AGZ350FH29I3N
EP2AGZ225FF35I4N	EP2AGZ300FF35I4N	EP2AGZ300HF40I4N	EP2AGZ350FH29I4N
EP2AGZ225HF40C3N	EP2AGZ300FH29C3N	EP2AGZ350FF35C3N	EP2AGZ350HF40C3N
EP2AGZ225HF40C4N	EP2AGZ300FH29C4N	EP2AGZ350FF35C4N	EP2AGZ350HF40C4N
EP2AGZ225HF40I3N	EP2AGZ300FH29I3N	EP2AGZ350FF35I3N	EP2AGZ350HF40I3N
EP2AGZ225HF40I4N	EP2AGZ300FH29I4N	EP2AGZ350FF35I4N	EP2AGZ350HF40I4N

Appendix 1: Affected Ordering Part Numbers (continued)

 HardCopy III	 HardCopy IV	 HardCopy IV GX
HC325FF780N *	HC4E25FF780N *	HC4GX25FF1152 *
HC325FHF780N *	HC4E25WF780N *	HC4GX35FF1517N *
HC325WF484N *	HC4E35FF1152N *	
HC335FF1152N *	HC4E35LF1152N *	
HC335FF1517N *		

*Note: * Also include part numbers which contain a suffix.*

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