

# Product Change Notification (PCN)

Change of the External Lead Plating of Products from Sn-Pb Plating to Sn-2Bi Plating



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**PCN#:** 2895

**Issue Date:** March 09, 2015

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## Overview:

SpanSion LLC is announcing change of the external lead plating of products from Sn-Pb plating to Sn-2Bi plating. The Sn-Pb plating line will be shut down due to current limited production quantities. See below for details:

**Product Identification:** Refer to the 'Products Affected By This Change' section.

## Package Types Affected:

TSSOP20  
SSOP16/20/30  
SOP28  
QFP64/80/100  
HQFP208  
LQFP48/64/100/120

## Description of Change:

The external lead plating of products will change from Sn-Pb plating to Sn-2Bi plating. To identify the change, "E1" will be added to the end of the part number.

## Reason for Change:

This change is being made to terminate leaded products as continuous improvement activity.

## Application Impact:

There is no expected impact to product functionality, performance, reliability, or quality. The Sn-2Bi plating is a standard plating for MCU and Analog products.

**Earliest Possible Samples Available Date:** Now

**Earliest Possible Data Availability Date:** Now. See attached data

**Earliest Possible Implementation Date:** June 9, 2015

## Products Affected By This Change (part numbers):

MB15E03LPPFV1-G-BND-ER  
MB15E03SLPFV1-G-BND-6

MB15E03SLPFV1-G-BND-  
ER-6  
MB15E07SLPFV1-G-BND-6

MB15E07SLPFV1-G-BND-  
ER-6  
MB15U36PFV-G-BND

MB3775PFV-G-BND-EF	MB90548GSPFR-G-273-BND	MB90F423GAPF-G
MB39A112PFT-G-BND	MB90553BPFR-G-295	MB90F423GAPFR-G
MB88101APFV-G-BND	MB90591GHPF-G-168	MB90F428GAPF-G
MB88101APFV-G-BND-ER	MB90591GHPF-G-191-ER	MB90F438LSPF-G
MB88347LPFV-G-BND	MB90591GHPF-G-196-ER	MB90F439PF-G
MB88347PFV-G-BND	MB90591GHPFR-G-173	MB90F439APFR-G
MB88347PFV-G-BND-ER	MB90591GHZPFR-GS-189-ER	MB90F455SPMT-GS
MB89191APF-G-515-BND-R	MB90591GPFR-G-183	MB90F456PMCR-G
MB89191APF-G-526-BND-R	MB90594GHPFR-G-166	MB90F497GPMC3-G
MB89191APF-G-536-BND-R	MB90594GHPFR-G-182	MB90F497GPMCR-G
MB89191APF-G-561-BND-R	MB90594GHZPF-GS-193-ER	MB90F497GHPF-G
MB89191APF-G-562-BND-R	MB90594GHZPF-GS-197-ER	MB90F543GSPF-G
MB89191PF-G-324-BND-R	MB90594GHZPF-GS-198-ER	MB90F543GSPFR-G
MB89191PF-G-411-BND-R	MB90594GHZPF-GS-199-ER	MB90F543GSPMC-G
MB89193APF-G-280-ER-R	MB90594GHZPFR-GS-188-ER	MB90F546GSPFR-G-ER
MB89193APF-G-542-BND-R	MB90594GHZPFR-GS-190-ER	MB90F546GSPMC-G
MB89193APF-G-544-BND-R	MB90594GPFR-G-176	MB90F548GLSPF-G
MB89193APF-G-591-BND-R	MB90598GHPF-G-195	MB90F548GSPFR-G
MB89193APF-G-595-BND-R	MB90598GPF-G-125-BND	MB90F549GSPF-G
MB89195APF-G-455-BND-ER	MB90598GPF-G-140-BND	MB90F591APFR-G
MB89195PF-G-194-BND-ER	MB90598GPF-G-141-BND	MB90F591GHPFR-G
MB89195PF-G-495-BND	MB90598GPF-G-142-BND	MB90F591GPFR-G
MB89475PMC-G-107-BND	MB90598GPF-G-150	MB90F594APFR-G
MB89475PMC-G-108-BND	MB90598GPF-GS-157	MB90F594GHPFR-G
MB89537APMC-G-650-ER	MB90598GPF-GS-169	MB90F594GHZPFR-GS
MB89935BPFV-G-228-BND	MB90598GPFR-G-138-BND-ER	MB90F594GPFR-G
MB89935BPFV-G-242-BND	MB90598GPFR-G-171-ER	MB90F594GPFR-G-9005-ER
MB89935BPFV-G-347	MB90598GPFR-G-183	MB90F598GPF-GS
MB89935BPFV-G-357	MB90598GPFR-GS-188-ER	MB90F598GPFR-G
MB89983PMC1-G-129-BND	MB90663APMC-G-134-BND	MB90F867APF-G
MB89F538-101PF-G	MB90867ESPF-GS-221	MB90F867ASPF-GS
MB89P195-101PF-G	MB90867ESPF-GS-223	MB90F867ASPF-GS-SP
MB89P195A-201PF-G	MB90867ESPF-GS-226	MB90F946APFR-GS-SPER
MB89P568-102PF-G	MB90947APFR-GS-102	MB90F947APFR-GS-SP
MB89P625PF-G-L	MB90F022CPF-GS	MB90F949PFR-GS
MB90022PF-GS-247	MB90F334APMC-G	MB90F949APFR-GS-ER
MB90022PF-GS-345	MB90F342ASPMC-GS	MB90F949APFR-GS-SP
MB90022PF-GS-347	MB90F342CAPF-G	MB90P767HPF-G
MB90022PF-GS-356	MB90F342CASPF-GS	MB91F362APVSR-G
MB90022PF-GS-359	MB90F342ESPF-GS	MB91F362GAPFVS-G
MB90022PF-GS-375	MB90F345CAPF-G	MB91F362GAPVSR-G
MB90022PF-GS-388	MB90F347ASPF-GS-SP	MB91F362GBPVS-R-G
MB90022PF-GS-391	MB90F349ASPMC-GS-EF	MB91F365GBPMC3-G
MB90022PF-GS-415	MB90F351PMC-GS	MB91F365GBPMCR-G
MB90022PF-GS-458	MB90F352SPMC3-GS-SP	MB91F365GBPMT-G
MB90092PFR-G-BND	MB90F352SPMC3-GS-SRER	MB91F366GBPMC3-G
MB90097PFV-G-001-BND	MB90F387SPMCR-G	MB91F366GCPMCR-GS
MB90427GCPF-GS-169	MB90F387SPMT-G	MB91F367GBPMC3-G
MB90439SPFR-G-258-BND-ER	MB90F387SPMT-GS	MB91F368GBPMC3-G
MB90456PMCR-GS-195-ER	MB90F349HAPMCR-GS	MB91F376GPMC3-GS
MB90462PMC-G-175	MB90F394HAPMT-GS	MB91F376GPMCR-GS
MB90548GPFR-GS-330	MB90F394HPMCR-G	MB91F376GSPMC3-GS
MB90548GPFR-GS-424	MB90F395HPMCR-GS	MB15E03SLPFV1-G-BND
MB90548GPFR-GS-516		



# Product Change Notification

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**SpanSion Contact:**

For pricing, availability or samples requests, contact your local SpanSion sales representative. For any updates to the contact list to receive notifications or to provide a response to the notification, contact the Change Notification Program Manager below.

For other product-related inquiries, contact Masanori Yoshimoto

**Contact Phone:** 1-866-SPANSION x72839  
**Contact Email Address:** masanori.yoshimoto@spansion.com

The date projections above were based on the most current product development status at the time this notification was issued, but are subject to change. For the latest schedule or additional information, please contact your local sales office or your local authorized distributor.

**Confidentiality:**

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Sincerely,  
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# Product Change Notification

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**Revision History:**

The following table shows the revision history for this product termination notification.

<b>Date</b>	<b>Revision</b>	<b>Description</b>
3/9/15	None	Initial Release