



DATE: 8 August, 2012

PCN #: 2084

PCN Title: Qualification of Additional Wafer Fabrication Sources

Dear Customer:

This is an announcement of change(s) to products that are currently being offered by Diodes Incorporated.

We request that you acknowledge receipt of this notification within 30 days of the date of this PCN. If you require samples for evaluation purposes, please make a request within 30 days as well. Otherwise, samples may not be built prior to this change. Please refer to the implementation date of this change as it is stated in the attached PCN form. Please contact your local Diodes sales representative to acknowledge receipt of this PCN and for any sample requests.

The changes announced in this PCN will not be implemented earlier than 90 days from the notification date stated in the attached PCN form.

Previously agreed upon customer specific change process requirements or device specific requirements will be addressed separately.

For questions or clarification regarding this PCN, please contact your local Diodes sales representative.

Sincerely,

Diodes Incorporated PCN Team



**PRODUCT CHANGE NOTICE**

**PCN-2084 REV0**

<b>Notification Date:</b>	<b>Implementation Date:</b>	<b>Product Family:</b>	<b>Change Type:</b>	<b>PCN #:</b>
8 August, 2012	6 November, 2012	Discrete Semiconductors	Additional Wafer Fabrication Source	<b>2084</b>
<b>TITLE</b>				
Qualification of Additional Wafer Fabrication Sources				
<b>DESCRIPTION OF CHANGE</b>				
<p>This PCN is being issued to notify customers that in order to assure continuity of supply, Diodes Incorporated is in the process of qualifying additional wafer Fabrication facilities for the devices listed in the Products Affected section of this letter.</p> <p>The alternate wafer manufacturing sites are Sumpro Electronics Corporation (Sumpro), Hua Hong NEC (HHNEC), CSMC Technologies Corporation (CSMC), or Maxchip Electronics Corporation (Maxchip) as indicated below.</p> <p>Full electrical characterization and high reliability testing has either already been completed or will be completed using representative devices built with wafer materials from the additional wafer fabrication sources to ensure there is no change to device functionality or electrical specifications in the datasheet. Diodes will be able to provide qualification data that already exists, or, for ongoing qualifications, as soon as it becomes available.</p> <p>There will be no change to the Form, Fit, or Function of products affected.</p>				
<b>IMPACT</b>				
Continuity of Supply				
<b>PRODUCTS AFFECTED</b>				
Please refer to attached table				
<b>WEB LINKS</b>				
<b>Manufacturer's Notice:</b>	<a href="http://www.diodes.com/quality/pcns">http://www.diodes.com/quality/pcns</a>			
<b>For More Information Contact:</b>	<a href="http://www.diodes.com/contacts">http://www.diodes.com/contacts</a>			
<b>Data Sheet:</b>	<a href="http://www.diodes.com/products">http://www.diodes.com/products</a>			
<b>DISCLAIMER</b>				
<b>Unless a Diodes Incorporated Sales representative is contacted in writing within 30 days of the posting of this notice, all changes described in this announcement are considered approved.</b>				



**Affected Part Numbers with Additional Wafer Source: Sumpro**

SBR10U45D1-13	SBR15U30D1-13	SBR0230T5-7	SBR1060CTFP	SBR10U150CTFP	SBR6200CTL-13
SBR10U60D1-13	SBR20U100CTE	SBR0230V-7	SBR1060CTFP-G	SBR10U150CTFP-G	SBR10200CTB
SBR20A100CTB	SBR20U100CTE-G	SBR0240LP-7	SBR3U100LP-7	SBR20120CTFP	SBR10200CTB-13-G
SBR20A100CTE	SBR20U100CTFP	SBR02M100LP-7	SBR6100CTL-13	SBR20150CTFP	SBR10U200CTB
SBR20A100CTE-G	SBR20U100CTFP-G	SBR02M30LP-7	SBR660CTL-13	SBR20150CTFP-G	SBR10U200CTB-13
SBR20A100CTFP	SBR20U40CTFP	SBR02U100LP-7	SBR15U100CTL-13	SBR20A120CTE-G	SBR10U200CTB-13-G
SBR20A100CTFP-G	SBR20U40CTFP-G	SBR02U100LP-7B	SBR20Q100CTP	SBR20A120CTFP	SBR10U200CTB-G
SBR20A40CTFP	SBR20U60CTFP	SBR02U30LP-7	SBR1045D1-13	SBR20A120CTFP-G	SBR20A200CTB
SBR20A40CTFP-G	SBR20U60CTFP-G	SBR0330CW-7	SBR60A300CT	SBR20A150CTFP	SBR20A200CTB-13
SBR20A45CTB	SBR30A100CTB	SBR05U20LP-7	SBR10U100CTFP	SBR20A150CTFP-G	SBR20A200CTB-13-G
SBR20A45CTFP	SBR30A100CTB-13	SBR05U20LP-7B	SBR10U100CTFP-G	SBR20M150CTFP	SBR40U200CTB
SBR20A45CTFP-G	SBR30A100CTB-13-G	SBR05U20LPS-7	SBR10U40CTFP	SBR20U150CTFP	SBR40U200CTB-13
SBR20A50CTFP	SBR30A100CTB-G	SBR05U20SN-7	SBR10U40CTFP-G	SBR20U150CTFP-G	SBR40U200CTB-13-G
SBR20A60CTB	SBR30A100CTE	SBR05U20T5-7	SBR10U60CTFP	SBR30150CTFP	SBR40U200CTB-G
SBR20A60CTB-13	SBR30A100CTE-G	SBR07U20LP-7	SBR10U60CTFP-G	SBR30150CTFP-G	SBR40U300CTB
SBR20A60CTB-13-G	SBR30A100CTFP	SBR07U20LPS-7	SBR20100CTB	SBR30A120CTE-G	SBR40U300CTB-13
SBR20A60CTB-G	SBR30A100CTFP-G	SBR40U100CTE	SBR20100CTB-13	SBR30A120CTFP	SBR20A100CT
SBR20A60CTFP	SBR30A100TFP-G	SBR40U100CTE-G	SBR20100CTE	SBR30A120CTFP-G	SBR20A100CT-G
SBR20A60CTFP-G	SBR30A40CTFP	SBR40U60CTE	SBR20100CTE-G	SBR30A150CTFP	SBR20A40CT
SBR20M100CTFP	SBR30A40CTFP-G	SBR0560S1-7	SBR20100CTFP	SBR30A150CTFP-G	SBR20A40CT-G
SBR30100CTB	SBR30A45CTB	SBR05M100BLP-7	SBR20100CTFP-G	SBR30A150TFP-G	SBR20A45CT
SBR30100CTFP	SBR30A45CTB-13	SBR05M60BLP-7	SBR20100CTP	SBR3U150LP-7	SBR20A45CT-G
SBR30100CTFP-G	SBR30A45CTB-13-G	SBR130S3-7	SBR2040CTFP	SBR40150CTFP	SBR20A50CT
SBR3040CTFP	SBR30A45CTB-G	SBR130SV-7	SBR2040CTFP-G	SBR40150CTFP-G	SBR20A60CT
SBR3040CTFP-G	SBR60A200CT-G	SBR160S23-7	SBR2045CTB	SBR40U120CTE	SBR20A60CT-G
SBR3045CTFP	SBR30A45CTFP	SBR1A40S1-7	SBR2045CTFP	SBR40U120CTE-G	SBR20M100CT
SBR3045CTFP-G	SBR30A45CTFP-G	SBR1A40S3-7	SBR2045CTFP-G	SBR4U130LP-7	SBR30100CT
SBR3045SCTB	SBR30A50CTFP	SBR1U30SV-7	SBR2050CTFP	SBR6150CTL-13	SBR30100CT-G
SBR3045SCTB-13	SBR30A50CTFP-G	SBR1U40LP-7	SBR2060CTB	SBR10200CTFP	SBR3040CT
SBR3045SCTB-13-G	SBR30A60CTB	SBR10100CTB	SBR2060CTFP	SBR10200CTFP-G	SBR3040CT-G
SBR3045SCTB-G	SBR30A60CTB-13	SBR10100CTB-13	SBR2060CTFP-G	SBR10U200CTFP	SBR3045CT
SBR3060CTB	SBR30A60CTB-13-G	SBR10100CTB-13-G	SBR3045CTB	SBR10U200CTFP-G	SBR3045CT-G
SBR3060CTFP	SBR30A60CTB-G	SBR10100CTB-G	SBR3045CTB-13	SBR10U300CTFP	SBR3060CT
SBR3060CTFP-G	SBR30A60CTFP	SBR10100CTE	SBR3045CTB-13-G	SBR10U300CTFP-G	SBR3060CT-G
SBR40100CTFP	SBR30A60CTFP-G	SBR10100CTFP	SBR3045CTB-G	SBR20A200CTFP	SBR40100CT
SBR40100CTFP-G	SBR30M100CTFP	SBR10100CTFP-G	SBR60A300CT-G	SBR20A200CTFP-G	SBR40100CT-G
SBR4040CTFP	SBR30M100CTFP-G	SBR10100CTL-13	SBR545D1-13	SBR20A300CTFP	SBR4040CT
SBR4040CTFP-G	SBR30M100TFP-G	SBR1040CTB	SBR10120CTL-13	SBR20A300CTFP-G	SBR4040CT-G
SBR4045CTFP	SBR30M40CTFP	SBR1040CTB-13	SBR10150CTE	SBR30200CTFP	SBR4045CT
SBR4045CTFP-G	SBR0220LP-7	SBR1040CTFP	SBR10150CTFP	SBR30200CTFP-G	SBR4045CT-G
SBR4060CTFP	SBR0220S3-7	SBR1040CTFP-G	SBR10150CTFP-G	SBR30300CTFP	SBR4060CT
SBR4060CTFP-G	SBR0220T5-7	SBR1045CTFP	SBR10150CTL-13	SBR30300CTFP-G	SBR4060CT-G
SBR5U100D1-13	SBR0230S3-7	SBR1045CTL-13	SBR10U150CTE	SBR10200CTL-13	SBR20U100CT



**Affected Part Numbers with Additional Wafer Source: Sumpro (Con't)**

SBR20U100CT-G	SBR10100CT-G	SBR20U150CT-G	2N7002-7-F	DMC3032LSD-13	DMN2004K-7
SBR20U40CT	SBR1040CT	SBR30150CT	2N7002DW-7-F	DMG9926USD-13	DMN2004WK-7
SBR20U40CT-G	SBR1040CT-G	SBR30150CT-G	2N7002E-7-F	DMG3414U-7	DMN2004DWK-7
SBR20U45CT	SBR1045CT	SBR30A120CT	2N7002T-13-F	DMG8822UTS-13	DMN2004DMK-7
SBR20U60CT	SBR1060CT	SBR30A120CT-G	2N7002T-7-F	DMG9926UDM-7	DMN2004TK-7
SBR20U60CT-G	SBR1060CT-G	SBR30A150CT	2N7002V-7	DMG3414U-7	DMP2004VK-7
SBR30A100CT	SBR10U100CT	SBR30A150CT-G	2N7002VA-7	DMP2123L-7	DMP2004K-7
SBR30A100CT-G	SBR10U100CT-G	SBR30M120CT	2N7002VAC-7	DMP2130L-7	DMP2004WK-7
SBR30A40CT	SBR10U40CT	SBR40150CT	2N7002VC-7	DMP2130LDM-7	DMP2004DWK-7
SBR30A40CT-G	SBR10U40CT-G	SBR40150CT-G	2N7002W-7-F	DMP2305U-7	DMP2004DMK-7
SBR30A45CT	SBR10U60CT	SBR40U120CT	BSS8402DW-13-F	DMP2018LFK-7	DMP2004TK-7
SBR30A45CT-G	SBR10U60CT-G	SBR40U120CT-G	BSS8402DW-7-F	DMC2020USD-13	DMC2004LPK-7
SBR30A50CT	SBR20100CT	SBR40U150CT	MMBF170-7-F	DMG6898LSD-13	DMC2004DWK-7
SBR30A50CT-G	SBR20100CT-G	SBR40U150CT-G	BSS138-7-F	DMN2020LSN-7	DMC2004VK-7
SBR30A60CT	SBR2040CT	SBR60A150CT	BSS138W-7-F	DMN2028USS-13	DMN2005LP4K-7
SBR30A60CT-G	SBR2040CT-G	SBR60A150CT-G	BSS138DW-7-F	DMP2035U-7	DMN2005LPK-7
SBR30M100CT	SBR2045CT	SBR10200CT	2N7002A-13	DMP2035UTS-13	DMN2005DLP4K-7
SBR30M100CT-G	SBR2045CT-G	SBR10200CT-G	2N7002A-7	DMP2035UVT-7	DMN2005K-7
SBR30S30CT	SBR2050CT	SBR10U200CT	2N7002K-13	DMP2066LDM-7	DMN2005LP4K-7B
SBR30U30CT	SBR2060CT	SBR10U200CT-G	2N7002K-7	DMP2066LSD-13	DMN2400UFB-7
SBR30U30CT-G	SBR2060CT-G	SBR10U300CT	DMN601DMK-7	DMP2066LSS-13	DMN2400UV-7
SBR40S45CT	SBR10120CT-G	SBR10U300CT-G	DMN601DWK-7	DMP2066LSN-7	DMN2400UFB-7B
SBR40U100CT	SBR10150CT	SBR20A200CT	DMN601K-7	DMP3098LDM-7	DMN2400UV-13
SBR40U100CT-G	SBR10150CT-G	SBR20A200CT-G	DMN601TK-7	DMP3098LSS-13	DMC2400UV-7
SBR40U45CT	SBR10U150CT	SBR20A300CT	DMN601WK-7	DMP3098LSD-13	DMC2400UV-13
SBR40U45CT-G	SBR10U150CT-G	SBR20A300CT-G	DMN65D8LDW-7	DMP3098L-7	DMN2005LPK-7B
SBR40U60CT	SBR20120CT	SBR30200CT	DMN65D8LFB-7	DMG1012T-7	DMP21D5UFB4-7B
SBR40U60CT-G	SBR20150CT	SBR30200CT-G	DMN65D8LFB-7B	DMG1012UW-7	DMP22D6UT-7
SBR60A100CT	SBR20150CT-G	SBR30300CT	DMN65D8LW-7	DMG1013T-7	DMG4435SSS-13
SBR60A100CT-G	SBR20A120CT	SBR30300CT-G	DMN66D0LDW-7	DMG1013UW-7	DMN3010LSS-13
SBR60A20CT	SBR20A120CT-G	SBR40U200CT	DMN66D0LT-7	DMG1016V-7	DMG8880LSS-13
SBR60A45CT	SBR20A150CT	SBR40U200CT-G	DMG4406LSS-13	DMG1016UDW-7	DMG8880LK3-13
SBR60A45CT-G	SBR20A150CT-G	SBR40U300CT	DMC3036LSD-13	DMG1023UV-7	
SBR60A60CT	SBR20M120CT	SBR40U300CT-G	DMN3404L-7	DMG1024UV-7	
SBR60A60CT-G	SBR20M150CT	SBR60A200CT	DMG6402LDM-7	DMG1023UV-13	
SBR10100CT	SBR20U150CT	2N7002-13-F	DMN3404L-7	DMN2004VK-7	



---

**Affected Part Numbers with Additional Wafer Sources: Sumpro and Maxchip**

DMC3018LSD-13	DMG4932LSD-13	DMN3031LSS-13	DMN3033LSD-13	DMP3056LDM-7	DMP3056LSS-13
DMC3021LK4-13	DMN3030LSS-13	DMN3033LDM-7	DMN3033LSN-7	DMP3056LSD-13	DMG3407SSN-7
DMC3021LSD-13					

**Affected Part Numbers with Additional Wafer Source: HHNEC**

DMN55D0UT-7	DMP3120L-7	DMP2160UFDB-7			
-------------	------------	---------------	--	--	--

**Affected Part Numbers with Additional Wafer Sources: HHNEC and CSMC**

DMS2220LFDB-7	DMS2120LFWB-7				
---------------	---------------	--	--	--	--

**Affected Part Numbers with Additional Wafer Source: Maxchip**

DMP2022LSS-13	BSS123-13-F	BSS123-7-F	BSS123W-7-F		
---------------	-------------	------------	-------------	--	--