



## PRODUCT CHANGE NOTICE (PCN)

<b>PART NUMBER(S):</b>  SP6336EK1-L-X-D-A, SP6336EK1-L-X-D-A/TR	<b>PCN No.:</b> 10-1214-01A *  <b>DATE:</b> 01/07/2011																																								
<b>PART DESCRIPTION:</b>  Please see www.exar.com																																									
<b>LEVEL OF CHANGE:</b>  <input checked="" type="checkbox"/> Level I, Customer Approval. <input type="checkbox"/> Level II, Customer Information.																																									
<b>PRODUCT ATTRIBUTE AFFECTED:</b>  <input type="checkbox"/> Material Change <input checked="" type="checkbox"/> Data Sheet Change <input type="checkbox"/> Design Change <input type="checkbox"/> Package Change <input checked="" type="checkbox"/> Process Change <input type="checkbox"/> Packing / Shipping  <input checked="" type="checkbox"/> Other, Explain: Wafer fabrication is changed																																									
<b>DESCRIPTION OF THE PROPOSED CHANGE:</b>  <ol style="list-style-type: none"> <li>1. Wafer fabrication for SP6336EK1-L family is changed from the Polar fab, USA to Tower/Jazz Semiconductor, USA. The process is also changed from 1P2M to 1P3M to improve the fuse integrity.</li> <li>2. The datasheet limits for the following parameters are being changed:</li> </ol> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2">PARAMETER</th> <th colspan="2">OLD SPEC</th> <th colspan="2">NEW SPEC</th> <th rowspan="2">UNIT</th> </tr> <tr> <th>Low Limit</th> <th>High Limit</th> <th>Low Limit</th> <th>High Limit</th> </tr> </thead> <tbody> <tr> <td>Watchdog Timeout Period</td> <td style="text-align: center;">1.200</td> <td style="text-align: center;">2.000</td> <td style="text-align: center;">1.200</td> <td style="text-align: center;">2.500</td> <td style="text-align: center;">sec</td> </tr> <tr> <td>PFI Input Threshold</td> <td style="text-align: center;">490</td> <td style="text-align: center;">510</td> <td style="text-align: center;">480</td> <td style="text-align: center;">520</td> <td style="text-align: center;">mV</td> </tr> <tr> <td>V1 Reset Threshold</td> <td style="text-align: center;">3.013</td> <td style="text-align: center;">3.137</td> <td style="text-align: center;">2.900</td> <td style="text-align: center;">3.168</td> <td style="text-align: center;">V</td> </tr> <tr> <td>V2 Reset Threshold</td> <td style="text-align: center;">1.087</td> <td style="text-align: center;">1.133</td> <td style="text-align: center;">1.053</td> <td style="text-align: center;">1.152</td> <td style="text-align: center;">V</td> </tr> <tr> <td>V3 Input Threshold</td> <td style="text-align: center;">490</td> <td style="text-align: center;">510</td> <td style="text-align: center;">480</td> <td style="text-align: center;">520</td> <td style="text-align: center;">mV</td> </tr> </tbody> </table>		PARAMETER	OLD SPEC		NEW SPEC		UNIT	Low Limit	High Limit	Low Limit	High Limit	Watchdog Timeout Period	1.200	2.000	1.200	2.500	sec	PFI Input Threshold	490	510	480	520	mV	V1 Reset Threshold	3.013	3.137	2.900	3.168	V	V2 Reset Threshold	1.087	1.133	1.053	1.152	V	V3 Input Threshold	490	510	480	520	mV
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<b>REASON FOR CHANGE:</b>  Wafer fab discontinuation.																																									
<b>DATE OF SAMPLES AVAILABLE:</b>  Immediate	<b>DATE OF QUALIFICATION COMPLETED:</b>  December 2010																																								

\* PCN number revised to 10-1214-01A due to a typo error corrected for the 'Estimated Change Date or Date Code' from January 2010 to January 2011.

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<b>ESTIMATED CHANGE DATE OR DATE CODE:</b> January 2011	<b>SUPPORTING DATA:</b> Reliability qualification, please see attached.
<input checked="" type="checkbox"/> STANDARD DISTRIBUTION <span style="float: right;"><input type="checkbox"/> CUSTOM DISTRIBUTION</span>	
<b>PERSON TO CONTACT WITH QUESTIONS:</b>  <b>LISA BEDARD</b> Exar Corporation 1 Holiday Avenue West Tower, Suite 450 Pointe-Claire, Quebec H9R 5N3 Tel: (514) 429-1010 ext 210 Fax: (514) 695-2548 lisa.bedard@exar.com  <b>Please acknowledge receipt of this PCN.</b>	

*Acknowledged:*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Approved  Not Approved  (Approved/Not Approved section not applicable and should be removed for all Level II PCNs)

Comments: \_\_\_\_\_

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