



PRODUCT CHANGE NOTICE (PCN)

PART NUMBER(S): SP6336EK1-L-X-D-A, SP6336EK1-L-X-D-A/TR	PCN No.: 10-1214-01 DATE: 12/17/2010																																								
PART DESCRIPTION: Please see www.exar.com																																									
LEVEL OF CHANGE: <div style="display: flex; justify-content: space-around;"> <input checked="" type="checkbox"/> Level I, Customer Approval. <input type="checkbox"/> Level II, Customer Information. </div>																																									
PRODUCT ATTRIBUTE AFFECTED: <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input type="checkbox"/> Material Change <input type="checkbox"/> Design Change <input checked="" type="checkbox"/> Process Change </div> <div style="width: 45%;"> <input checked="" type="checkbox"/> Data Sheet Change <input type="checkbox"/> Package Change <input type="checkbox"/> Packing / Shipping </div> </div> <input checked="" type="checkbox"/> Other, Explain: Wafer fabrication is changed																																									
DESCRIPTION OF THE PROPOSED CHANGE: <ol style="list-style-type: none"> 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. The datasheet limits for the following parameters are being changed: 																																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <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>1.200</td> <td>2.000</td> <td>1.200</td> <td>2.500</td> <td>sec</td> </tr> <tr> <td>PFI Input Threshold</td> <td>490</td> <td>510</td> <td>480</td> <td>520</td> <td>mV</td> </tr> <tr> <td>V1 Reset Threshold</td> <td>3.013</td> <td>3.137</td> <td>2.900</td> <td>3.168</td> <td>V</td> </tr> <tr> <td>V2 Reset Threshold</td> <td>1.087</td> <td>1.133</td> <td>1.053</td> <td>1.152</td> <td>V</td> </tr> <tr> <td>V3 Input Threshold</td> <td>490</td> <td>510</td> <td>480</td> <td>520</td> <td>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
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																																				
REASON FOR CHANGE: Wafer fab discontinuation.																																									
DATE OF SAMPLES AVAILABLE: Immediate	DATE OF QUALIFICATION COMPLETED: December 2010																																								

PROPRIETARY INFORMATION

THIS DOCUMENT CONTAINS INFORMATION WHICH IS THE EXCLUSIVE PROPERTY OF EXAR CORPORATION. DISTRIBUTION, REPRODUCTION OR USE BY OTHERS IS NOT PERMITTED WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF EXAR CORPORATION.



PRODUCT CHANGE NOTICE

ESTIMATED CHANGE DATE OR DATE CODE: January 2010	SUPPORTING DATA: Reliability qualification, please see attached.
<input checked="" type="checkbox"/> STANDARD DISTRIBUTION <input type="checkbox"/> CUSTOM DISTRIBUTION	
PERSON TO CONTACT WITH QUESTIONS: LISA BEDARD 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 Please acknowledge receipt of this PCN.	

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: _____

PROPRIETARY INFORMATION

THIS DOCUMENT CONTAINS INFORMATION WHICH IS THE EXCLUSIVE PROPERTY OF EXAR CORPORATION. DISTRIBUTION, REPRODUCTION OR USE BY OTHERS IS NOT PERMITTED WITHOUT THE EXPRESS WRITTEN AUTHORIZATION OF EXAR CORPORATION