



## PRODUCT CHANGE NOTICE (PCN)

<b>PART NUMBER(S):</b>  <b>REFER TO ATTACHMENT A</b>	<b>PCN No.:</b> 08-1201-01  <b>DATE:</b> 12/16/08			
<b>PART DESCRIPTION:</b>  <ul style="list-style-type: none"> <li>▪ <b>SP6125 /SP6126 /SP6127:</b> High Voltage Step Down Controller in TSOT 6</li> <li>▪ <b>SP6330:</b> Quad Micropower Supervisory Circuits With Manual Reset and Watchdog</li> <li>▪ <b>SP6336:</b> Triple Micropower Supervisory Circuit With Watchdog and Power Fail</li> <li>▪ <b>SP6339:</b> Triple Micropower Supervisory Circuit With Manual Reset and Watchdog</li> </ul>				
<b>LEVEL OF CHANGE:</b>  <div style="display: flex; justify-content: space-between;"> <span><input checked="" type="checkbox"/> Level I, Customer Approval.</span> <span><input type="checkbox"/> Level II, Customer Information.</span> </div>				
<b>PRODUCT ATTRIBUTE AFFECTED:</b>  <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <input checked="" type="checkbox"/> Material Change  <input type="checkbox"/> Design Change  <input type="checkbox"/> Process Change   <input type="checkbox"/> Other, Explain:         </div> <div style="width: 45%;"> <input type="checkbox"/> Data Sheet Change  <input type="checkbox"/> Package Change  <input type="checkbox"/> Packing / Shipping         </div> </div>				
<b>DESCRIPTION OF THE PROPOSED CHANGE:</b> <b>1. Lead-frame Plating Finish</b> a. Internal leads with silver plating (for die attach, wire bond) and external leads with 100% tin (for soldering to motherboard) will be changed to PPF (pre-plated frame) with nickel/palladium/gold flash throughout the entire surface of lead-frame.  b. Plating thickness as follows: Gold/Palladium: 0.10 – 0.60 micro inches Palladium: 0.2 - 1.0 micro inches Nickel: 10 - 50 micro inches  <div style="border: 1px solid black; padding: 5px; margin: 5px 0;"> <table style="width: 100%; border-collapse: collapse;"> <tr style="background-color: #ffff00;"><td style="padding: 2px;">Au/Pd : 0.10 – 0.60 u"</td></tr> <tr style="background-color: #cccccc;"><td style="padding: 2px;">Pd : 0.2 – 1.0 u"</td></tr> <tr style="background-color: #add8e6;"><td style="padding: 2px;">Ni : 10 – 50 u"</td></tr> </table> </div>		Au/Pd : 0.10 – 0.60 u"	Pd : 0.2 – 1.0 u"	Ni : 10 – 50 u"
Au/Pd : 0.10 – 0.60 u"				
Pd : 0.2 – 1.0 u"				
Ni : 10 – 50 u"				
<b>2. Mold Compound</b> a. From non green Nitto MP8000CSM1 to green, Hitachi CEL8240HF10LXC.				
<b>REASON FOR CHANGE:</b>  To enhance the assembly process and to promote the green environment.				
<b>DATE OF SAMPLES AVAILABLE:</b> May 2009	<b>DATE OF QUALIFICATION COMPLETED:</b> June 2009			

**PROPRIETARY INFORMATION**

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<b>ESTIMATED CHANGE DATE OR DATE CODE:</b> 7/1/09	<b>SUPPORTING DATA:</b> Qualification Reports
<input checked="" type="checkbox"/> <b>STANDARD DISTRIBUTION</b> <span style="float: right;"><input type="checkbox"/> <b>CUSTOM DISTRIBUTION</b></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  <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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## PRODUCT CHANGE NOTICE

### ATTACHMENT A

#### PART NUMBERS

(PCN #08-1201-01)

EXAR PRODUCT	PACKAGE
SP6125EK1-L	TSOT - 6
SP6126EK1-L	TSOT - 6
SP6127EK1-L	TSOT - 6
SP7601EK1-L	TSOT - 6
SP6330EK1-L-W-G-C	TSOT - 8
SP6330EK1-L-X-J-C	TSOT - 8
SP6330EK1-L-Z-J-C	TSOT - 8
SP6336EK1-L-X-D-A	TSOT - 8
SP6339EK1-L-Z-J-C	TSOT - 8

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