



## PRODUCT CHANGE NOTICE (PCN)

<b>PART NUMBER(S):</b>  SP7662ER-L, SP7662ER-L/TR	<b>PCN No.:</b> <b>10-0224-03</b>  <b>DATE:</b> March 2, 2010
<b>PART DESCRIPTION:</b> See <a href="http://WWW.EXAR.COM">WWW.EXAR.COM</a>	
<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 checked="" type="checkbox"/> Other, Explain: Wafer fab transfer         </div> <div style="width: 45%;"> <input checked="" type="checkbox"/> Data Sheet Change  <input type="checkbox"/> Package Change  <input type="checkbox"/> Packing / Shipping         </div> </div>	
<b>DESCRIPTION OF THE PROPOSED CHANGE:</b>  <ol style="list-style-type: none"> <li>1 Controller chip wafer fabrication is changed from Polar 35, USA to Jazz 35 MEX, USA.</li> <li>2 Low side Vishay FET is changed from SUC50N03-09L to ANPEC FET APM 3106NUCG.</li> <li>3 High side Vishay FET is changed from SUC40N03-18L to ANPEC FET APM4820KCG.</li> <li>4 ESD rating in the datasheet is changed from 2KV HBM to 400V HBM for pins LX, VINP and PGND.</li> <li>5 RDSOn for High side FET in datasheet is changed from 20.5mΩ max to 25mΩ max.</li> <li>6 RDSOn for Low side FET in datasheet is changed from 8.5mΩ max to 15mΩ max.</li> </ol>	
<b>REASON FOR CHANGE:</b>  Due to unavailability of the controller chip in Polar fab, a new controller has been designed and fabricated in Jazz to replace the existing chip. FET chips have also been replaced to match the new controller.	
<b>DATE OF SAMPLES AVAILABLE:</b>  January 2010	<b>DATE OF QUALIFICATION COMPLETED:</b>  February 2010

**PROPRIETARY INFORMATION**

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<b>ESTIMATED CHANGE DATE OR DATE CODE:</b>  May 2010 or earlier as requested by the customers	<b>SUPPORTING DATA:</b>  Reliability qualification report and characterization
<b>[X] STANDARD DISTRIBUTION</b> <span style="float: right;"><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 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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