### PRODUCT CHANGE NOTICE (PCN)

**PART NUMBER(S):**

SP7662ER-L, SP7662ER-L/TR

**PCN No.:**  10-0224-03

**DATE:**  March 2, 2010

### PART DESCRIPTION:

See [WWW.EXAR.COM](http://WWW.EXAR.COM)

### LEVEL OF CHANGE:

[X] Level I, Customer Approval.  [ ] Level II, Customer Information.

### PRODUCT ATTRIBUTE AFFECTED:

[X] Material Change  
[X] Data Sheet Change  
[ ] Design Change  
[ ] Package Change  
[ ] Process Change  
[ ] Packing / Shipping

[X] Other, Explain:  Wafer fab transfer

### DESCRIPTION OF THE PROPOSED CHANGE:

1. Controller chip wafer fabrication is changed from Polar 35, USA to Jazz 35 MEX, USA.
2. Low side Vishay FET is changed from SUC50N03-09L to ANPEC FET APM 3106NUCG.
3. High side Vishay FET is changed from SUC40N03-18L to ANPEC FET APM4820KCG.
4. ESD rating in the datasheet is changed from 2KV HBM to 400V HBM for pins LX, VINP and PGND.
5. RDSON for High side FET in datasheet is changed from 20.5mΩ max to 25mΩ max.
6. RDSON for Low side FET in datasheet is changed from 8.5mΩ max to 15mΩ max.

### REASON FOR CHANGE:

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.

### DATE OF SAMPLES AVAILABLE:

January 2010

### DATE OF QUALIFICATION COMPLETED:

February 2010
**PRODUCT CHANGE NOTICE**

<table>
<thead>
<tr>
<th>ESTIMATED CHANGE DATE OR DATE CODE:</th>
<th>SUPPORTING DATA:</th>
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<tbody>
<tr>
<td>May 2010 or earlier as requested by the customers</td>
<td>Reliability qualification report and characterization</td>
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<tr>
<th>[X] STANDARD DISTRIBUTION</th>
<th>[ ] CUSTOM DISTRIBUTION</th>
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**PERSON TO CONTACT WITH QUESTIONS:**

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**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:** ____________________________________________________________________________

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