**PRODUCT CHANGE NOTICE (PCN)**

**PART NUMBER(S):**
Refer to Attachment A (SP332)

**PCN No.:** 10-0201-02

**DATE:** February 22, 2010

**PART DESCRIPTION:**
See www.exar.com

**LEVEL OF CHANGE:**

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

**PRODUCT ATTRIBUTE AFFECTED:**

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

| [ ] Other, Explain: | |

**DESCRIPTION OF THE PROPOSED CHANGE:**
Complete the transfer of the SP332 wafer fabrication from Hillview foundry to Silan foundry (reference PCN 06-0130-14).

The SP332 datasheet specification limits are specified at TA = 25°C and VCC = +5.0V.

Information was added to the original datasheet to clarify the maximum data rate limit of 8Mbps at Ta=85°C. In addition, a note was added to indicate that exceeding the maximum data rate of 8 Mbps at Ta= 85°C may permanently damage the device due to the risk of overheating.

**REASON FOR CHANGE:**
Complete the transfer of the SP332 wafer fabrication from the Hillview to Silan foundry. In addition, clarify conditions for the datasheets specification limits.

**DATE OF SAMPLES AVAILABLE:**
February 2010

**DATE OF QUALIFICATION COMPLETED:**
December 2009
# 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>Minor process change - May 2010 Datasheet - Immediate</td>
<td>Qualification and characterization reports</td>
</tr>
</tbody>
</table>

| [X] STANDARD DISTRIBUTION | [ ] CUSTOM DISTRIBUTION |

**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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## ATTACHMENT A

### EXAR PART NUMBERS
PCN# 10-0201-02

<table>
<thead>
<tr>
<th>DEVICE</th>
<th>PACKAGE</th>
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<tr>
<td>SP332CT-L</td>
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