



PRODUCT CHANGE NOTICE (PCN)

PART NUMBER(S): SPX5205: SPX5205M5-L, SPX5205M5-L/TR, SPX5205M5-L-1-2, SPX5205M5-L-1-2/TR, SPX5205M5-L-1-5, SPX5205M5-L-1-5/TR, SPX5205M5-L-1-8, SPX5205M5-L-1-8/TR, SPX5205M5-L-2-5, SPX5205M5-L-2-5/TR, SPX5205M5-L-2-8, SPX5205M5-L-2-8/TR, SPX5205M5-L-3-0, SPX5205M5-L-3-0/TR, SPX5205M5-L-3-3, SPX5205M5-L-3-3/TR, SPX5205M5-L-5-0, SPX5205M5-L-5-0/TR	PCN No.: 08-0812-03 DATE: 08/12/08
PART DESCRIPTION: 150mA, Low-Noise LDO Voltage Regulator	
LEVEL OF CHANGE: <div style="display: flex; justify-content: space-between;"> <input type="checkbox"/> Level I, Customer Approval. <input checked="" 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 type="checkbox"/> Process Change <input type="checkbox"/> Other, Explain: Final test limit 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>	
DESCRIPTION OF THE PROPOSED CHANGE: Load Regulation From: 0.5% 100uA to 150mA To: 0.5% 1mA to 150mA 1.0% 100uA to 1mA Line Regulation From: 0.2% over temp and for $V_{IN}=V_{EN}=V_{OUT}+1$ to 16V To: 0.2% over temp and for $V_{IN}=V_{EN}=V_{OUT}+1$ to 8V 0.2% over temp and for $V_{IN}=V_{OUT}+1$ to 16V, $V_{EN} \leq 6V$ 0.2% $T_a= 25^{\circ}C$ to $85^{\circ}C$, $V_{IN}=V_{EN}=V_{OUT}+1$ to 16V	
REASON FOR CHANGE: Product Re-characterization	

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DATE OF SAMPLES AVAILABLE: N/A	DATE OF QUALIFICATION COMPLETED: 8/1/08
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ESTIMATED CHANGE DATE OR DATE CODE: N/A	SUPPORTING DATA: SPX5205 Datasheet
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STANDARD DISTRIBUTION CUSTOM DISTRIBUTION

PERSON TO CONTACT WITH QUESTIONS:

Lisa Bedard
 Exar Corporation
 189 Hymus Blvd., Suite 203
 Pointe-Claire, Quebec H9R 1E9
 Email: lisa.bedard@exar.com
 Tel: (514) 429-1009
 Fax: (514) 695-2548

Please acknowledge receipt of this PCN.

Acknowledged:

Signature

Printed Name

Company

Title

Date

Comments: _____

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