



## PRODUCT CHANGE NOTICE (PCN)

<b>PART NUMBER(S):</b>  Refer To Attachment A	<b>PCN No.:</b> 09-1109-01
	<b>DATE:</b> December 14, 2009

**PART DESCRIPTION:**  
  
Refer to www.exar.com

**LEVEL OF CHANGE:**

Level I, Customer Approval.
  Level II, Customer Information.

**PRODUCT ATTRIBUTE AFFECTED:**

<input checked="" type="checkbox"/> Material Change	<input type="checkbox"/> Data Sheet Change
<input type="checkbox"/> Design Change	<input type="checkbox"/> Package Change
<input type="checkbox"/> Process Change	<input type="checkbox"/> Packing / Shipping
<input type="checkbox"/> Other, Explain:	

**DESCRIPTION OF THE PROPOSED CHANGE:**

There is no change to Form, Fit, Function, Quality, or Reliability as specified in the applicable datasheets.

Package Type	Lead Count	Mold Compound		Die Attach Material (conductive silver filled epoxy)	
		From	To	From	To
Sc70	5	Non Green, Nitto MP8000C	Green - Hitachi CEL8240HF10LXC	Ablebond 84-1LMISR4	QMI 519
SOT23	3	Non Green, Nitto MP8000CSM1	Green - Hitachi CEL8240HF10LXC	Ablebond 84-1LMISR4	QMI 519
WSOIC	16, 20, 24, 28	Green, Sumitomo G600C	Green - Hitachi CEL8240HF10LXC	Ablebond 84-1LMISR4	QMI 519
TSSOP	16	Non Green, Sumitomo 7351LS	Green, Sumitomo G700M	Ablebond 84-1LMISR4	Ablebond 8290

**REASON FOR CHANGE:**  
Use environmental friendly Green (halogen free) material and also for standardization.  
Exar will continue to ship products in the current molding compounds until the inventory is depleted.

<b>DATE OF SAMPLES AVAILABLE:</b>  1/1/2010	<b>DATE OF QUALIFICATION COMPLETED:</b>  12/1/09
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**PROPRIETARY INFORMATION**

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<b>ESTIMATED CHANGE DATE OR DATE CODE:</b> February 2010	<b>SUPPORTING DATA:</b> Reliability 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 lisa.bedard@exar.com  <b>Please acknowledge receipt of this PCN.</b>	

*Acknowledged:*

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Printed Name

\_\_\_\_\_  
Company

\_\_\_\_\_  
Title

\_\_\_\_\_  
Date

Comments: \_\_\_\_\_

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## PRODUCT CHANGE NOTICE

ATTACHMENT A

**PCN#09-1109-01**

Sc70, 5 leads	SOT23, 3 leads	TSSOP, 16 leads
SP6213EC5-L-3-0	SPX2431AM-L	SP6120EY-L
SP6213EC5-L-3-0/TR	SPX2431AM-L/TR	SP6120EY-L/TR
SP6214EC5-L-3-0	SPX2431M-L	SP6120BEY-L
SP6214EC5-L-3-0/TR	SPX2431M-L/TR	SP6120BEY-L/TR
SP6213EC5-L-3-3	SPX432AM-L	SP3220EUCY-L
SP6213EC5-L-3-3/TR	SPX432AM-L/TR	SP3220EUCY-L/TR
SP6214EC5-L-3-3	SPX432M-L	SP3220EUEY-L
SP6214EC5-L-3-3/TR	SPX432M-L/TR	SP3220EUEY-L/TR
SP6213EC5-L-2-85	SPX385AM-L-2-5	SP3232EHCY-L
SP6213EC5-L-2-85/TR	SPX385AM-L-2-5/TR	SP3232EHCY-L/TR
SP6213EC5-L-2-5	SPX385AM-L-5-0	SP3232EHEY-L
SP6213EC5-L-2-5/TR	SPX385AM-L-5-0/TR	SP3232EHEY-L/TR
SP6213EC5-L-1-8		SP3232EUCY-L
SP6213EC5-L-1-8/TR		SP3232EUCY-L/TR
		SP3220EBCY-L
		SP3220EBCY-L/TR
		SP3220EBEY-L
		SP3220EBEY-L/TR
		SP3220ECY-L
		SP3220ECY-L/TR
		SP3220EEY-L
		SP3220EEY-L/TR
		SP3232EBCY-L
		SP3232EBCY-L/TR
		SP3232EBEY-L
		SP3232EBEY-L/TR
		SP3232ECY-L
		SP3232ECY-L/TR
		SP3232EEY-L
		SP3232EEY-L/TR
		SP3223EUCY-L
		SP3223EUCY-L/TR
		SP3223EUEY-L
		SP3223EUEY-L/TR

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## PRODUCT CHANGE NOTICE

ATTACHMENT A (con't)

**PCN#09-1109-01**

<b>WSOIC, 16 leads</b>	<b>WSOIC, 20 leads</b>	<b>WSOIC, 24 leads</b>	<b>WSOIC, 28 leads</b>
SP486CT-L	SP233ACT-L	SP206CT-L	SP334ET-L
SP486CT-L/TR	SP233ACT-L/TR	SP206CT-L/TR	SP334ET-L/TR
SP486ET-L	SP233AET-L	SP206ET-L	SP331ET-L
SP486ET-L/TR	SP233AET-L/TR	SP206ET-L/TR	SP331ET-L/TR
SP487CT-L	SP233ECT-L	SP207CT-L	SP332CT-L
SP487CT-L/TR	SP233ECT-L/TR	SP207CT-L/TR	SP332CT-L/TR
SP487ES-L	SP233EET-L	SP207ECT-L	SP332ET-L
SP487ET-L	SP233EET-L/TR	SP207ECT-L/TR	SP332ET-L
SP487ET-L/TR		SP207EET-L	SP332ET-L/TR
SP488CT-L		SP207EET-L/TR	SP211EHCT-L
SP488CT-L/TR		SP208CT-L	SP211EHCT-L/TR
SP488ET-L		SP208CT-L/TR	SP336ECT-L
SP488ET-L/TR		SP208ECT-L	SP336ECT-L/TR
SP691ACT-L		SP208ECT-L/TR	SP336EET-L
SP691ACT-L/TR		SP208EET-L	SP336EET-L/TR
SP691AET-L		SP208EET-L/TR	SP3243EBET-L
SP691AET-L/TR		SP208ET-L	SP3243EBET-L/TR
SP211EHET-L		SP208ET-L/TR	SP3243ECT-L
SP211EHET-L/TR		SP211ET-L	SP3243ECT-L/TR
SP3232EUCT-L		SP211ET-L/TR	SP3243EET-L
SP3232EUCT-L/TR		SP238ACT-L	SP3243EET-L/TR
SP202ECT-L		SP238ACT-L/TR	SP3243EHCT-L
SP202ECT-L/TR		SP238AET-L	SP3243EHCT-L/TR
SP202EET-L		SP238AET-L/TR	SP3243EHCT-L/TR
SP202EET-L/TR			SP3243EUCT-L
SP232ACT-L			SP3243EUCT-L/TR
SP232ACT-L/TR			SP3243EUET-L
SP232AET-L			SP3243EUET-L/TR
SP232AET-L/TR			SP211CT-L
SP232ECT-L			SP211CT-L/TR
SP232ECT-L/TR			SP211ECT-L
SP232EET-L			SP211ECT-L/TR
SP232EET-L/TR			SP211EET-L
SP3232EBCT-L			SP211EET-L/TR
SP3232EBCT-L/TR			SP334CT-L
SP3232EBET-L			SP334CT-L/TR
SP3232EBET-L/TR			SP331CT-L
SP3232ECT-L			SP331CT-L/TR
SP3232ECT-L/TR			
SP3232EET-L			
SP3232EET-L/TR			

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