



PRODUCT CHANGE NOTICE (PCN)

PART NUMBER(S): SP6134, SP6134H, SP6137, and SP6139 Families See Appendix A	PCN No.: 09-0120-01 DATE: January 20, 2009
PART DESCRIPTION: SYNCHRONOUS PWM CONTROLLERS	
LEVEL OF CHANGE: <input type="checkbox"/> Level I, Customer Approval. <input checked="" type="checkbox"/> Level II, Customer Information.	
PRODUCT ATTRIBUTE AFFECTED: <input type="checkbox"/> Material Change <input checked="" 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 are no physical changes to the products. Changes effecting all datasheets: Deleted V _{CC} UVLO and UVIN Stop Threshold values. Added UVIN Hysteresis room temperature limits of 260mV - 390mV Reduced ESD Rating for "BST PIN" from 2kV HBM to 1.5kV HBM. Added "Operating Voltage Range" . Changed Power Dissipation from "1W" to "internally limited". Changes effecting SP6134 and SP6134H families: Internal Oscillator frequency over the entire operating temperature range is 510kHz to 690kHz. Deleted maximum Driver Pull Up and Down Resistance limits. Changes effecting SP6137 families: Changed Internal Oscillator Frequency from 810kHz - 990kHz to 760kHz - 1070kHz. Changed Hiccup timeout typical value from 100ms to 73ms. Added typical Driver Pull Up and Down Resistance values Changes effecting SP6139 families: Added typical Driver Pull Up and Down Resistance values.	

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REASON FOR CHANGE: Product re-characterization and also to remove typo errors and redundancies	
DATE OF SAMPLES AVAILABLE: N/A	DATE OF QUALIFICATION COMPLETED: 1/1/2009
ESTIMATED CHANGE DATE OR DATE CODE: 2/1/09	SUPPORTING DATA: Characterization Reports
<input checked="" type="checkbox"/> STANDARD DISTRIBUTION <input type="checkbox"/> 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

Approved **Not Approved** (Approved/Not Approved section not applicable and should be removed for all Level II PCNs)

Comments: _____

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PRODUCT CHANGE NOTICE

APPENDIX A

- SP6134CU-L
- SP6134CU-L/TR
- SP6134EU-L
- SP6134EU-L/TR
- SP6134HCU-L
- SP6134HCU-L/TR
- SP6134HEU-L
- SP6134HEU-L/TR
- SP6137CU-L
- SP6137CU-L/TR
- SP6137EU-L
- SP6137EU-L/TR
- SP6139EU-L
- SP6139EU-L/TR

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