Process Change Notification Form

PCN Number:	PCN_0232__CS5460C_CS5461A _RevC
Date of Notification:	07/23/2009
Cirrus Logic P/N(s):	CS5461A-IS, CS5461A-ISR, CS5461A-ISZ, CS5461A-ISZR, CS5460C-ISZ, CS5460C-ISZR
Date PCN Effective:	10/23/2009
Reason for Change:	☒ Design /New Rev. ☐ Fab Site ☐ Fab Process ☐ Additional Fab Source ☐ Assembly Site ☐ Assembly Process ☐ Additional Assembly Source ☐ Other (specify)
Description of Change:	☐ Fix errata ☐ Yield enhancement ☐ Fix known bug ☒ Performance Improvement ☐ Other Performance improvement of higher dynamic range in the pulse outputs (E1, E2, E3); new conversion commands (0xEC) to correct phase mismatch issue; programmable pulse width on E3; correct AC offset calibration return; more accurate temperature sensor; no-load threshold; lower overall power consumption; increased HPF settling time and DRDY delay; noise level; fix of the maximum pulse rate. The CS5461A-IS and CS5461A-ISR devices will be transitioned from leaded to lead-free package type with the new rev. Customers should be alerted to transition to the lead-free products, CS5461A-ISZ and CS5461A-ISZR.
Cirrus Logic P/N Change:	☐ Yes, New Part Number: ☒ No
Pack Mark Change:	☒ Yes ☐ No If Yes, briefly explain: From: YFNABXxxYYWW To: YFNACXxxYYWW *[Any Fab, Assembly, or Design changes results in pack mark changes, please provide detail]*
Lot Effective Date:	10/22/2009 *[Contact the area sales representative for availability of samples if applicable]*
Quality & Reliability impact:	See attached. Qualification Data: ☒ Required ☐ Not Required ***See Pages Below***

Datasheet Change Required?	☒ Yes ☐ No If Yes, briefly explain: Revised datasheet references changes for: - Noise level - Power consumption - New PulseWidth register - New LoadMin and LoadIntv registers - New default values in Tgain and Toff registers - New "Start Conversions" command – 0xEC Refer to the attached revised datasheet attachment in mailing and technical bulletin located below.

Software Change Required?	☒ Yes ☐ No If Yes, briefly explain: Software change is required if the customer is using or is going to use: - DRDY bit in the Status register or DRDY interrupt - No-load threshold - 0xEC command - Configurable pulse width on E3 - AC offset calibration Refer to the attached technical bulletin. The customers should check if these changes make any differences for their meters before making the drop-in replacement decision.

Cirrus Logic PCN administrator: _____

Acknowledgement of Receipt of Notice:

Does customer waive PCN Effective Date?   ☐ **YES**   ☐ **NO**

Company Name: _____

Name (please print)**:** _____ **Title:** _____

Signature: _____ **Date:** _____

Customer Representative is to obtain the customer acknowledgement/signature and return this notification to Cirrus Logic Corp. Quality, attn: PCN administrator at fax number (512) 851-4656

NOTE: Lack of acknowledgement within 30 days of the date of notice, constitutes acceptance of change.
(Reference JEDEC Industry Standard: JESD-46)