



Process Change Notification Form

PCN Number:	PCN_0261
Date of Notification:	May 4, 2009
Cirrus Logic P/N(s):	CS8421 Data Sheet
Date PCN Effective:	May 4, 2009
Reason for Change:	<input type="checkbox"/> Design /New Rev. <input type="checkbox"/> Fab Site <input type="checkbox"/> Fab Process <input type="checkbox"/> Additional Fab Source <input type="checkbox"/> Assembly Site <input type="checkbox"/> Assembly Process <input type="checkbox"/> Additional Assembly Source <input checked="" type="checkbox"/> Other (specify) The CS8421 datasheet has been updated to state that the thermal pad of the QFN package must be externally connected to ground.
Description of Change:	<input type="checkbox"/> Fix errata <input type="checkbox"/> Yield enhancement <input type="checkbox"/> Fix known bug <input type="checkbox"/> Performance Improvement <input checked="" type="checkbox"/> Other The CS8421 datasheet has been updated to state that the thermal pad of the QFN package must be externally connected to ground. This change was made to address an omission in the prior version of the datasheet which gave no guidance for the connection of the thermal pad. The new statement that the thermal pad must be connected to ground is a reflection of best design practices and is intended only to guide new designs. In practice, this connection of the thermal pad to ground is not electrically necessary and its absence (leaving the thermal pad floating) will not affect the device's operation or reliability. It should be noted that no changes have been made to the device or its packaging.
Cirrus Logic P/N Change:	<input type="checkbox"/> Yes, New Part Number: <input checked="" type="checkbox"/> No
Pack Mark Change:	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, briefly explain: <i>[Any Fab, Assembly, or Design changes results in pack mark changes, please provide detail]</i>
Lot Effective Date:	N/A <i>[Contact the area sales representative for availability of samples if applicable]</i>
Quality & Reliability impact:	Qualification Data: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required
Datasheet Change Required?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If Yes, briefly explain: (***Data Sheet sent as separate attachment**) Refer to the revision history table in the datasheet for specific change locations.
Software Change Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, briefly explain:

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)***