



Process Change Notification

PCN Number: PCN-2015-20

PCN Notification Date: 05/26/2015

Informational

Lead Frame Vendor Change for CS1501-FSZ(R) and CS1601-FSZ(R)

Dear Customer,

This notification is to advise you of the following change(s).

Change of Lead Frame Supplier Source that supports our CS1501-FSZ(R) and CS1601-FSZ(R) component materials. The current Lead Frame Supplier Source experienced a fire in their factory, resulting in irreparable damage. To ensure continuity of supply, an alternate Lead Frame Supplier was qualified.

If you have any questions, please contact your Sales Representative.

Sincerely,

Quality Systems Administrator
Cirrus Logic Corporate Quality
Phone: +1(512) 851-4000



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Products Affected:

The devices listed on this page are the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

Technical details of this Process / Product Change follow on the next page(s).

Title:	Lead Frame Vendor Change for CS1501-FSZ(R) and CS1601-FSZ(R)				
Customer Contact:	Local Field Sales Representative	Phone:	(512) 851-4000	Dept:	Corporate Quality
Proposed 1st Ship Date:	06 2015	Estimated Sample Availability Date:	05 2015		
Change Type:					
	Assembly Site		Assembly Process		Assembly Materials
	Wafer Fab Site		Wafer Fab Process		Wafer Fab Materials
	Wafer Bump Site		Wafer Bump Process		Wafer Bump Material
	Test Site		Test Process		Design
	Electrical Specification		Mechanical Specification		Part Number
	Packing/Shipping/Labeling	X	Other		
Comments:	Lead Frame Vendor Change				

PCN Details

Description of Change:

Establish a qualified Lead Frame Supplier source to support the CS1501FSZ(R) and CS1601-FSZ(R) component material.

- No material content change
- No plating material change
- No dimensional change

Reason for Change:

The existing suppliers' facility suffered irreparable damage to their plating process.

Anticipated Impact on Form, Fit, Function, Quality or Reliability:

No anticipated adverse impact to the quality and/or reliability of said product.

Product Affected:

Device	Cirrus Logic Part Number	Customer Part Number
1	CS1501-FSZ	
2	CS1501-FSZR	
3	CS1601-FSZ	
4	CS1601-FSZR	



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Changes To Product Identification Resulting From This PCN:

No Change to the Product Identification

Qualification Data:

This qualification has been specifically developed for the validation of this change. The qualification data validates that the proposed change meets the applicable released technical specifications.

Qualification Schedule	Start:	03 2015	End:	06 2015
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The Qualification Plans are designed using JEDEC and other applicable industry standards. An overall summary of the Qualification results will be submitted upon completion.

CS1501-FSZ Qualification

CS1501-FSZ Qualification: <input checked="" type="checkbox"/> Plan <input type="checkbox"/> Test Results			
Reliability Test	Standard	Conditions	Sample Size (PASS/FAIL)
Pre-Conditioning	JEDEC J-STD-020A	MSL2 / 260°C (1 Lot)	176 / #
Temperature Cycle	JESD22 A104	-65°C to +150°C for 500 cycles (1 Lot)	88 / #
WBS (Wire Bond Shear)	JESD22 B116	Paragraph 4 (Procedure) (1 Lots 5 units 30 bonds)	5 / #
WBP (Wire Bond Pull)	MIL-STD-883 Method 2011	Paragraph 3 (Procedure) (1 Lots 5 units 30 bonds)	5 / #
SD (Solderability)	JESD22 B102	93°C / 8 hr steam age before SD (1 Lot)	30 / #
PD (Physical Dimensions)	JESD22 B100 + B108	Package outline per JESD95 Cpk > 1.50 per JESD95 (1 Lot)	10 / #
HTSL (High Temperature Storage Life)	JESD22 A103	150°C for 1000 hrs. (1 Lots)	88 / #
<p>Notes:</p> <ul style="list-style-type: none"> Qualification tests “pass” on zero fails for each test CS1501-FSZ serves as the Qualification Vehicle for CS1601-FSZ <p>Reliability Qualification Results: TBD</p>			