12500 TI Boulevard, MS 8640, Dallas, Texas 75243

Qualification Report for PCN# 20120418002
4H CBC10 from HFAB to SFAB
Information Only

Dear Customer:

This is to inform you of the completion of qualification testing for the product change described in PCN# 20120418002. The details of the qualification results are included in the following pages and are being forwarded to you in response to your inquiry about this PCN.

For questions regarding this notice, contact your local Field Sales Representative or the PCN Manager (PCN_ww_admin_team@list.ti.com).

Sincerely,

PCN Team
SC Business Services
Phone: +1(214) 480-6037
Fax: +1(214) 480-6659

Qualification Report For # 20120418002
4H CBC10 from HFAB to SFAB

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.

Attributes	Qual Device: LOG114AIRGV	Qual Device: OPA2673IRGV	Qual Device: OPA4684ID	Qual Device: OPA4872ID	Qual Device: OPA657UB	Qual Device: OPA846	Qual Device: OPA890ID	QBS Process: OPA2674ID	QBS Process: OPA4872ID	QBS Process: OPA890ID
Assembly Site	CRS-CARSEM	MLA	MLA	MLA	MLA	MLA	MLA	MLA	MLA	MLA
Package Family	VQFN	VQFN	SOIC	SOIC	SOIC	SOIC	SOIC	SOIC	SOIC	SOIC
Flammability Rating	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0
Wafer Fab Supplier	SFAB	SFAB	SFAB	SFAB	SFAB	SFAB	SFAB	HFAB/SFAB	HFAB/SFAB	HFAB/SFAB
Wafer Fab Process	CBC10	CBC10	CBC10	CBC10	CBC10	CBC10	CBC10	CBC10	CBC10	CBC10

Qualification Results

Data Displayed as: Number of lots/ Total Sample Size/ Total Failed

Type	Test Name / Condition	Duration	Qual Device: LOG114AIRGV	Qual Device: OPA2673IRGV	Qual Device: OPA4684ID	Qual Device: OPA4872ID	Qual Device: OPA657UB	Qual Device: OPA846	Qual Device: OPA890ID	QBS Process: OPA2674ID	QBS Process: OPA4872ID	QBS Process: OPA890ID
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	1/77/0	1/80/0	-	1/80/0	1/87/0	1/82/0	1/84/0
AC	Autoclave 121C	96 Hours	-	-	-	-	-	-	-	-	1/87/0	1/87/0
UHAST	Unbiased HAST 130C/85%RH	96 Hours	-	-	-	1/80/0	1/80/0	-	1/80/0	-	-	-
TC	Temperature Cycle, -65/150C	500 Cycles	-	-	-	1/79/0	1/80/0	-	1/80/0	-	1/87/0	1/87/0
HTSL	High Temp. Storage Bake, 150C	1000 Hours	-	-	-	1/80/0	1/80/0	-	1/80/0	-	1/87/0	1/87/0
HTOL	Life Test, 125C	1000 Hours	1/77/0	1/80/0	-	1/80/0	1/80/0	-	1/80/0	-	1/87/0	-
WBS	Shear	Wires	-	-	-	-	-	-	-	-	1/76/0	-
HBM	ESD - HBM	1000 V	-	1/3/2000	-	1/6/2000	1/3/2000	-	1/3/2000	-	1/3/2000	1/3/2000
CDM	ESD - CDM	250V	-	1/3/2000	-	1/3/2000	1/3/2000	-	1/3/2000	-	-	-
LU	Latch-up	(per JESD78)	-	-	-	-	1/6/2000	-	1/6/2000	-	-	-
ED	Electrical Characterization	Per Datasheet Parameters	Pass	Pass	Pass	Pass	Pass	-	-	-	Pass	Pass
	Bond Strength	Wires	-	-	-	-	-	-	-	-	1/76/0	-

For questions regarding this notice, e-mails can be sent to the regional contacts shown below or your local Field Sales Representative.

Location	**E-Mail**
USA	PCNAmericasContact@list.ti.com
Europe	PCNEuropeContact@list.ti.com
Asia Pacific	PCNAsiaContact@list.ti.com
Japan	PCNJapanContact@list.ti.com