



Reliability Engineering

Tucson Corporation

Analytical Services

Qualification Description:

Changing stabilization conditions in PRS devices from 510°C/10-20 minutes to 450°C/50 minutes affecting models 3581, 3583 and 3584 is qualified and fully meets the Texas Instruments quality and reliability standards for High Performance Analog Products per the testing described below.

Model:	PR-S01-3001	Assembly Site:	TI Tucson
RA:	9634	Package Type:	N/A
PA:	4434	Lead Count:	N/A
Date:	06/12/2003	Mold Compound:	N/A
Die Name:	PR-S01-3001	Die Attach:	N/A
Die Size:	30 x 30	Bond Wire Material:	Au
Mask Revision:	A	Bond Wire Diameter:	1
Wafer Fab Site:	TI Tucson	Lead Frame Material:	N/A
Process:	413	Lead Frame Finish:	Au
Technology:	Thin Film Tech		
Metal 1:	AlCu 0.5%		
Passivation:	SiO2 (5KA)		

Autoclave assem/wafer/lot :	3143021-4	Wire Pull assem/wafer/lot	3143021-4
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Test Results:

Test	Conditions	Readpoints	Sample Size	Defects	QBS Ref. Num.	QBS Results (SS/Rej)
Autoclave	121°C, 15psia, 100%RH,	24	20	0		
Wire Pull Test			74	0		

(Signed)

Mark Yampolsky, QRA Tucson

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Mailing Address: Texas Instruments
Post Office Box 655303 Dallas, Texas 75265