



# TEXAS INSTRUMENTS

## FINAL REPORT

06/12/2016 - Rev. A

QTS 464651-1

FLEXTRONICS ELECTRONICS

PROCESSORS

TI Device: TMS320C6424ZWT4

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TI Information – Selective Disclosure

\*Important Note: The information provided herein may change if additional facts are discovered.

Customer Name:	FLEXTRONICS ELECTRONICS	Customer Contact:	
Customer Site:	SUZHOU (CHINA)	Contact e-mail:	
Customer Part #:		TI Device Type:	TMS320C6424ZWT4
Customer Job #:		TI QTS Job #:	464651-1
Job Type / Origin of Detection:	Production	Quantity of units returned:	1
Cust. Sent Date:		TI Receive Date:	06/02/2016

**TI QTS Job# 464651-1 includes 1 TI device(s) as follows:**

The following returned TI device(s) were evaluated per the standard return flow process across the specified operating voltage and temperature ranges.

TI QTS Unit ID	Customer Unit ID	Lot Trace Code	Assembly Site Code	Wafer Fab Lot#	Wafer Fab Site Code
1		5CA07HW	PHI	KPQJA	ADT
Verification results: RMR device passes testflow. No anomalies observed.					

Note: If this QTS Job# contains more than ten devices, information for only the first ten is provided above.

**Customer Problem Description:**

Customer reported issue at: Production

The following customer provided issue description was extracted from the information submitted by the customer with the returned TI devices and was entered into TI's Quality Tracking System (QTS).

- Boundary Length test fail, Replace the part with a new one, boundary scan test passed.

**TI Problem Description:**

The customer return was tested at TI to attempt to confirm the reported noncompliance and the following was noted:

RMR device and Golden device pass testflow and are the same wrt Boundary Scan. No anomalies observed

ATE Test Results using production test program suite:

- The TI device passed automated testing at hot, cold and room temperature using the current production test program
- TNI

In conclusion, TI could not verify the customer reported issue and the unit has been deemed TNI. If the customer can provide more details on the state of the TI device when the issue occurred, then TI can attempt additional testing. If requested, the TI device will be sent back to the customer.

**Containment actions:**

TI Information – Selective Disclosure

Unless otherwise specified in this report, TI's references to device, part, unit, IC or component pertain to the relevant TI product.

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TI maintains an ongoing record of returns by lot number to track the number of non-conforming TI devices for a single manufacturing lot. TI has reviewed the returns history for this unit's manufacturing lot and has not found evidence that this unit represents a sample of a larger, systemic issue with this particular production lot. Consequently, TI has not implemented any additional containment actions for this production lot during initial investigation of the customer return. However, TI may implement additional containment actions at its discretion if root cause analysis and corrective actions determination indicate the need for such actions.

The unit has Lot Trace Code (LTC) 5CA07HW and was manufactured in December of 2015.

**Corrective Actions / Disposition:**

Not applicable as unit is TNI.

**TEAM MEMBERS:**

Process Role	Name	E-mail
Business Customer Quality Engineer	Edward Horni	ehorni@ti.com
Regional Customer Quality Engineer	Jimmy Tao	
Customer Quality Engineering Manager	Tony Flowers	
Test Engineer	Tammy Phillips	
Product Engineer	Chris Anderson	
Product Engineering Manager	Ken Delling	

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Appendix 1 (Customer Report Info):

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