PC	N Num	ber:	201	/121	8003				P	CN Date:	Dec 19, 2017	,
Tit	le:	Qualificat	ion of	UTA	C as an	addit	ional Asse	mbly and Test	Site f	for Select D	evices	
	stomer	•	PCN M	Manag	<u>er</u>	1	Dept:	Quality Servi	ces			
	oposed ite:	1 st Ship		Mar	19, 20)18	Estima	ted Sample A	vaila	bility:	Provided upo Request	'n
Ch	ange T	ype:										
M		mbly Site			Assembly Process				\boxtimes	Assembly Materials		
	Desi				Electrical Specification				Mechanical Specification			
X	Test				_		Shipping/La			Test Process		
		er Bump Si	ite				mp Materia		П	Wafer Bump Process		
П		er Fab Site			Wafer Fab Materials			П	Wafer Fab Process			
	•				Part number change							
				<u> </u>			CN Deta	•				
De	scription	on of Cha	nae:				011 2 00					
	Texas Instruments is pleased to announce the qualification of subcontractor UTAC as an alternate Assembly and Test site. Material construction differences are as follows:											
What						PSI	UTAC					
Bond Wire/Diamete			ter	Au,	, 1.0 mil	mil Cu, 1.0 mil						
Test coverage, insertions, conditions will remain consistent with current testing and verified with test MQ.							st					
Re	ason fo	r Change	:									
Continuity of Supply												
Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):												
No	ne											
An	ticipate	ed impact	on M	ater	ial Dec	larati	ion					
the Material production Upo			produc Upon p	erial Declarations or Product Content reports are driven from fuction data and will be available following the production release. In production release the revised reports can be obtained from the CO website.								
Changes to product identification resulting from this PCN:												
	<u> </u>											
	Assem	bly Site	Assem	ıbly S	ite Orig	in (22L	.) Assemb	y Country Code ((21L)	Asse	embly City	
	PSI			PS2				PHL Ca			mba City	

THA

Sample product shipping label (not actual product label)

NSE

UTAC

Bangkok

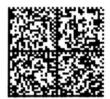


MADE IN: Malaysia 2DC: 20:

MSL 2 /260C/1 YEAR SEAL DT MSL 1 /235C/UNLIM 03/29/04

OPT: ITEM:

ĬĖĖ: 5A (L)TO:3750



(1P) SN74LS07NSR (Q) 2000 (D) 0336 (31T)LOT: 3959047MLA (4W) TKY(1T) 7523483SI2 (P) (2P) REV:

(2P) REV: (V) 0033317 (20L) CSO: SHE (21L) CCO:USA (22L) ASO: MLA (23L) ACO: MYS

Product Affected

CSD59952RWJ CSD95482RWJ CSD95482RWJT



TI Information Selective Disclosure

Qualification Report

CSD95482RWJ QUAL PLAN - UTAC (QBS to CSD95480RWJ) Approve Date 11-Dec-2017

Product Attributes

Attributes	Qual Device: CSD95482RWJ	Qual Device: CSD95482RWJ	QBS Product Reference: CSD59995ARWJ	QBS Product Reference: CSD95480RWJ	
	FFAB	MIHO	MIHO	MIHO	
Wafer Fab Supplier	CFAB	CFAB	CFAB	CFAB	
	CFAB	CFAB	CFAB	CFAB	
	LBC7	LBC7			
	NEXFET GEN2.2	NEXFET GEN2.2	LBC7	LBC7	
Wafer Process	LV2010	LV2010	NEXFET GEN2.2 LV2010	NEXFET GEN2.2 LV2010	
	NEXFET GEN2.2	NEXFET GEN2.2	NEXFET GEN2.2 LV2010	NEXFET GEN2.2 LV2010	
	LV2010	LV2010			
Assembly Site	UTAC	UTAC	UTAC	UTAC	
Package Family	QFN/SON	QFN/SON	QFN/SON	QFN/SON	

- OBS: Qual By Similarity
- Qual Devices qualified at LEVEL1-260C: CSD59952RWJ CFAB/MIHO, CSD59952RWJ CFAB/FFAB, CSD95482RWJ CFAB/FFAB, CSD95482RWJ CFAB/MIHO
- Devices contain multiple dies: CSD95482RWJ CFAB/MIHO, CSD59952RWJ CFAB/MIHO, CSD95482RWJ CFAB/FFAB, CSD59952RWJ CFAB/FFAB

Qualification Results

Data Displayed as: Number of lots / Total sample size / Total failed

Туре	Test Name / Condition	Duration	Qual Device: CSD95482RWJ	Qual Device: CSD95482RWJ	QBS Product Reference: <u>CSD59995ARWJ</u>	QBS Product Reference: CSD95480RWJ
AC	Autoclave 121C	96 Hours	-	-	-	3/231/0
ED	Electrical Characterization	Per Datasheet Parameters	-	-	Pass	-
HAST	Biased HAST, 130C/85%RH	96 Hours	-	-	-	3/231/0
HBM	ESD - HBM	3000 V	-	-	1/3/0	-
CDM	ESD - CDM	2000 V	-	-	1/3/0	-
HTOL	Life Test, 125C	1000 Hours	-	-	3/231/0	3/231/0
HTSL	High Temp. Storage Bake, 150C	1000 Cycles	-	-	-	3/231/0
IOL	Dynamic Intermittent Operating Life	10000 Cycles (4 min Cycles)	-	-	-	3/231/0
LU	Latch-up	(per JESD74)	-	-	1/6/0	-
TC	Temperature Cycle, -55/125C	700 Cycles	-	-		3/231/0
WBP	Bond Pull	Wires	1/76/0	2/152/0	1/76/0	3/228/0
WBS	Ball Bond Shear	Wires	1/76/0	2/152/0	1/76/0	3/228/0
YLD	FTY and Bin Summary	-	Pass	Pass	Pass	Pass

Green/Pb-free Status: Qualified Pb-Free(SMT) and Green

Plass Plass

Quality and Environmental data is available at TI's external Web site: http://www.ti.com/

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

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USA	PCNAmericasContact@list.ti.com
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