

PCN Number: 20140130000 **PCN Date:** 02/04/2014

Title: Qualification of JCET as Alternate Assembly/Test site for select UQFN Devices

Customer Contact: [PCN Manager](#) **Phone:** +1(214)480-6037 **Dept:** Quality Services

Proposed 1st Ship Date: 05/04/2014 **Estimated Sample Availability:** 01/31/2014

Change Type:		
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/> Assembly Process
<input type="checkbox"/>	Design	<input type="checkbox"/> Electrical Specification
<input type="checkbox"/>	Test Site	<input type="checkbox"/> Packing/Shipping/Labeling
<input type="checkbox"/>	Wafer Bump Site	<input type="checkbox"/> Wafer Bump Material
<input type="checkbox"/>	Wafer Fab Site	<input type="checkbox"/> Wafer Fab Materials
<input type="checkbox"/>		<input type="checkbox"/> Part number change

PCN Details

Description of Change:
 Texas Instruments is pleased to announce the qualification of Jiangsu Changjiang Electronics Technology Co (JCET) as an alternate assembly and test site for Select UQFN devices. JCET will use the same BOM as the existing site.

Reason for Change:
 Continuity of Supply

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):
 None

Changes to product identification resulting from this PCN:

Assembly Site		
JCAPAT	Assembly Site Origin (22L)	ASO: JCP
JCET	Assembly Site Origin (22L)	ASO: JCE

Sample product shipping label (not actual product label)

TEXAS INSTRUMENTS
 MADE IN: Malaysia
 2DC: 20:
 MSL 2 /260C/1 YEAR SEAL DT
 MSL 1 /235C/UNLIM 03/29/04
 OPT: 39
 ITEM: 39
 LBL: 5A (L)T0:1750

(1P) SN74LS07NSR
 (Q) 2000 (D) 0336
 (31T) LOT: 3959047MLA
 (4W) TKY (1T) 7523483SI2
 (P)
 (2P) REV: (V) 0033317
 (20L) CSO: SHE (21L) CCO:USA
 (22L) ASO: MLA (23L) ACO: MYS

Topside Device marking:
 Assembly site code for JCP= P
 Assembly site code for JCE= F

Product Affected		
LMV881LE/NOPB	LMV881LEE/NOPB	LMV881LEX/NOPB

Qualification Data – Approved January, 2014			
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.			
Qual Vehicle: LMV881LE/NOPB (MSL1-260C)			
Package Construction Details			
Assembly & Bump Site:	JCET	Mold Compound:	013101008701
# Pins-Designator, Family:	6-NKK, UQFN	Flux:	120404001100
Contact type:	Cu Pillar		
Qualification: <input type="checkbox"/> Plan <input checked="" type="checkbox"/> Test Results			
Reliability Test	Conditions	Sample Size/Fail	
		Lot#1	Lot#2
**Biased HAST	130C/85%RH (96 Hrs)	77/0	77/0
**Autoclave 121C	121C, 2 atm (96 Hrs)	77/0	77/0
**T/C -65C/150C	130C/85%RH (96 Hrs)	77/0	77/0
ESD CDM	+/- 250V, 500V	pass	--
Physical Dimensions	(per mechanical drawing)	pass	pass
** - Test requires Moisture Preconditioning (MSL1-260C)			

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