TEXAS INSTRUMENTS 12500 TI Boulevard, MS 8640, Dallas, Texas 75243

PCN# 20080416000B

Qualification of Jiangyin Changdian Advanced Packaging Co., LTD (JCAP) as a Qualified Source for Assembly Test Processing of TI - SLL NanoStar Products (Packages YZP / YZT / YZV)

Final Change Notification / Sample Request

Date: 5/29/2014
To: MOUSER PCN

Dear Customer:

The purpose of revision B is to add 1 device from this change notification which was not included on the Original PCN. The affected device is highlighted in yellow in the Product Affected section of this document.

This is an announcement of a change to a device that is currently offered by Texas Instruments. The details of this change are on the following pages.

We request you acknowledge receipt of this notification within **30** days of the date of this notice. Lack of acknowledgement of this notice within 30 days constitutes acceptance of the change. If you require samples or additional data to support your evaluation, please request within 30 days.

The changes discussed within this PCN will not take effect any earlier than **90** days from the date of this notification, unless customer agreement has been reached on an earlier implementation of the change. This notification period is per TI's standard process.

This notice does not change the end-of-life status of any product. Should product affected be on a previously issued product withdrawal/discontinuance notice, this notification does not extend the life of that product or change the life time buy offering/discontinuance plan.

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

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

20080416000B
Attachment: 1

Products Affected:

The devices listed on this page are a subset of the complete list of affected devices. According to our records, these are the devices that you have purchased within the past twenty-four (24) months. The corresponding customer part number is also listed, if available.

DEVICE	CUSTOMER PART NUMBER
SN74AUP2G125YZPR	null

Technical details of this Product Change follow on the next page(s).

PCN Number:	20080416000B	**PCN Date:**	05/29/2014

Title:	Qualification of Jiangyin Changdian Advanced Packaging Co., LTD (JCAP) as a Qualified Source for Assembly Test Processing of TI - SLL NanoStar Products (Packages YZP / YZT / YZV)

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

Proposed 1st Ship Date:	08/29/2014	**Estimated Sample Availability:**	Date provided at sample request

Change Type:

☒	Assembly Site	☐	Design	☐	Wafer Bump Site
☐	Mechanical Specification	☒	Test Site	☐	Wafer Fab Site

PCN Details

Description of Change:

The purpose of revision B is to add 1 device highlighted in yellow in the Product Affected Section. The proposed first ship date applies only to the yellow highlighted device: SN74AUP2G125YZPR.

Texas Instruments Standard Linear and Logic (SLL) is pleased to announce the successful qualification of Jiangyin Changdian Advanced Packaging Co., LTD (JCAP) in China, as a qualified Assembly/Test site for YZV, YZT, and YZP wafer chip scale packages for SLL NanoStar devices/packages listed in this PCN, (current device list by package noted below for reference). Jiangyin Changdian Advanced Packaging Co., LTD (JCAP) will provide a full turnkey solution for wafer chip scale packages for SLL. NanoStar is a trademark for Texas Instruments' wafer chip scale package.

* Samples of the device SN74AUP2G125YZPR is available upon request.

Additional samples available and can be built upon request.

Reason for Change:

The successful qualification of Jiangyin Changdian Advanced Packaging Co., LTD (JCAP) as an Assembly/Test site will further improve Texas Instruments' support of current and future production needs for the SLL NanoStar product.

Anticipated impact on Fit, Form, Function, Quality or Reliability (positive / negative):

We do not anticipate a negative impact on fit, form, function nor reliability.

Changes to product identification resulting from this PCN:

Assembly Site		
ASEK	Assembly Site Origin (22L)	ASO: ASF
JCAP-AT	Assembly Site Origin (22L)	ASO: JCP

Sample product shipping label to show code location only - not actual product label

TEXAS INSTRUMENTS
MADE IN: Philippines
2DC: 2Q:
MSL 3 /260C/168 HR
SEAL DT 10/11/11
G1
OPT:
ITEM:030DB107CMR-Q& 19
LBL: 1A (L)T0:1168
(1P) PTWL6030DB107CMR
(Q) 1908 (D) 1136
(31T)LOT: 1606673PHI
(4W) SWR(1T) 8550440Z48
(P)
(2P) REV: A (V) 0033317
(20L) CSO: RFB (21L) CCO:USA
(22L) ASO: PHI (23L) ACO: PHL

Assembly Site Code: ASEK = 7 , JCAP-AT=P

Product Affected:

CA9536YZPR
SN74AUC1G00YZPR
SN74AUC1G02YZPR
SN74AUC1G04YZPR
SN74AUC1G06YZPR
SN74AUC1G07YZPR
SN74AUC1G08YZPR
SN74AUC1G08YZPRL
SN74AUC1G08YZTR
SN74AUC1G125YZPR
SN74AUC1G125YZTR
SN74AUC1G126YZPR
SN74AUC1G126YZTR
SN74AUC1G14YZPR
SN74AUC1G17YZPR
SN74AUC1G17YZPRL
SN74AUC1G19YZPR
SN74AUC1G240YZPR
SN74AUC1G32YZPR
SN74AUC1G66YZPR
SN74AUC1G74YZPR
SN74AUC1G74YZTR
SN74AUC1G79YZPR
SN74AUC1G80YZPR
SN74AUC1G86YZPR
SN74AUC1GU04YZPR
SN74AUC2G00YZPR
SN74AUC2G02YZPR
SN74AUC2G04YZPR
SN74AUC2G04YZTR
SN74AUC2G06YZPR
SN74AUC2G07YZPR
SN74AUC2G08YZPR
SN74AUC2G08YZTR
SN74AUC2G125YZPR
SN74AUC2G126YZPR
SN74AUC2G240YZPR
SN74AUC2G241YZPR
SN74AUC2G32YZPR
SN74AUC2G32YZTR
SN74AUC2G34YZPR
SN74AUC2G34YZTR
SN74AUC2G53YZPR
SN74AUC2G53YZTR
SN74AUC2G66YZPR
SN74AUC2G79YZPR
SN74AUC2G80YZPR
SN74AUC2G86YZPR
SN74AUC2GU04YZPR
SN74AUP1G00YZPR
SN74AUP1G07YZPR
SN74AUP1G08YZPR
SN74AUP1G125YZPR
SN74AUP1G125YZTR
SN74AUP1G126YZPR
SN74AUP1G17YZPR
SN74AUP1G240YZPR
SN74AUP1G32YZPR
SN74AUP1G34YZPR
SN74AUP1G57YZPR
SN74AUP1G58YZPR
SN74AUP1G58YZTR
SN74AUP1G74YZPR
SN74AUP1G79YZPR
SN74AUP1G80YZPR
SN74AUP1G97YZPR
SN74AUP1G98YZPR
SN74AUP1G99YZPR
SN74AUP1T57YZPR
SN74AUP1T97YZPR
SN74AUP1T98YZPR
SN74AUP2G08YZPR
SN74AUP2G125YZPR
SN74AUP2G126YZPR
SN74AVC1T45YZPR
SN74AVC2T45YZPR
SN74AVC2T45YZTR
SN74AVCH1T45YZPR
SN74AVCH2T45YZPR
SN74LVC1404YZPR
SN74LVC1G00YZPR
SN74LVC1G02YZPR
SN74LVC1G02YZTR
SN74LVC1G04YZPR
SN74LVC1G04YZTR
SN74LVC1G04YZVR
SN74LVC1G06YZPR
SN74LVC1G06YZVR
SN74LVC1G07YZPR
SN74LVC1G07YZTR
SN74LVC1G07YZVR
SN74LVC1G0832YZPR
SN74LVC1G08YZPR
SN74LVC1G10YZPR
SN74LVC1G11YZPR
SN74LVC1G123YZPR
SN74LVC1G125YZPR
SN74LVC1G126YZPR
SN74LVC1G132YZPR
SN74LVC1G139YZPR
SN74LVC1G14YZPR
SN74LVC1G14YZVR
SN74LVC1G175YZPR
SN74LVC1G17YZPR
SN74LVC1G17YZTR
SN74LVC1G17YZVR
SN74LVC1G18YZPR
SN74LVC1G19YZPR
SN74LVC1G240YZPR
SN74LVC1G27YZPR
SN74LVC1G29SYZPR
SN74LVC1G29YZPR
SN74LVC1G3157YZPR
SN74LVC1G3208YZPR
SN74LVC1G32YZPR
SN74LVC1G32YZTR
SN74LVC1G332YZPR
SN74LVC1G34YZPR
SN74LVC1G34YZTR
SN74LVC1G34YZVR
SN74LVC1G373YZPR
SN74LVC1G373YZTR
SN74LVC1G374YZPR
SN74LVC1G386YZPR
SN74LVC1G38YZPR
SN74LVC1G57YZPR
SN74LVC1G58YZPR
SN74LVC1G66YZPR
SN74LVC1G79YZPR
SN74LVC1G80YZPR
SN74LVC1G86YZPR
SN74LVC1G97YZPR
SN74LVC1G98YZPR
SN74LVC1G99YZPR
SN74LVC1GU04YZPR
SN74LVC1GU04YZTR
SN74LVC1GU04YZVR
SN74LVC1T45YZPR
SN74LVC2G00YZPR
SN74LVC2G02YZPR
SN74LVC2G04YZPR
SN74LVC2G06YZPR
SN74LVC2G07YZPR
SN74LVC2G08YZPR
SN74LVC2G08YZTR
SN74LVC2G125YZPR
SN74LVC2G126YZPR
SN74LVC2G132YZPR
SN74LVC2G14YZPR
SN74LVC2G157YZPR
SN74LVC2G17YZPR
SN74LVC2G240YZPR
SN74LVC2G241YZPR
SN74LVC2G32YZPR
SN74LVC2G34YZPR
SN74LVC2G34YZTR
SN74LVC2G38YZPR
SN74LVC2G53YZPR
SN74LVC2G66YZPR
SN74LVC2G66YZTR
SN74LVC2G74YZPR
SN74LVC2G79YZPR
SN74LVC2G80YZPR
SN74LVC2G86YZPR
SN74LVC2GU04YZPR
SN74LVC2T45YZPR
SN74LVC3G04YZPR
SN74LVC3G06YZPR
SN74LVC3G07YZPR
SN74LVC3G14YZPR
SN74LVC3G17YZPR
SN74LVC3G34YZPR
SN74LVC3GU04YZPR
TPS22921YZTR
TS3A24159YZPR
TS3DS26227YZTR
TS5A1066YZPR
TS5A2066YZPR
TS5A22364YZPR
TS5A23166YZPR
TS5A23166YZTR
TS5A23167YZPR
TS5A26542YZTR
TS5A3153YZPR
TS5A3154YZPR
TS5A3157YZPR
TS5A3159AYZPR
TS5A3159AYZTR
TS5A3166YZPR
TS5A3167YZPR
TS5A3359YZPR
TS5A6542YZPR
TS5A6542YZTR
TXB0101YZPR
TXB0102YZPR
TXB0104YZTR
TXS0101YZPR
TXS0102YZPR
TXS0102YZTR
TXS0104EYZTR

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.

Qual Vehicle 1: TS3DS26227YZT (MSL1-260C)

Package Construction Details

Assembly & Bump Site:	JCAP	**Bump Composition:**	SnAgCu
# Pins-Designator, Family:	12-YZT, WCSP/DSBGA	**Bump Diameter:**	0.25mm

Qualification: ☐ **Plan** ☒ **Test Results**

Reliability Test	Conditions	Sample Size/Fail		
		Lot 1	Lot 2	Lot 3
**Steady-state Life Test	150C (300 Hrs)	116/0	116/0	116/0
**High Temp. Storage Bake	170C (420hrs)	77/0	77/0	77/0
**Biased HAST	130C/85%RH (96 Hrs)	77/0	77/0	77/0
**Unbiased HAST	130C/85%RH (96 Hrs)	77/0	77/0	77/0
**Temperature Cycle	-55C/+125C (1000 Cyc)	77/0	77/0	77/0
Manufacturability (Assembly)	(per mfg site specifications)	Pass	Pass	Pass
Moisture Sensitivity	MSL1-260C	12/0	12/0	12/0

** Moisture Preconditioning (MSL1-260C)

Qual Vehicle 2: TS5A26542YZTR (MSL1-260C)

Package Construction Details

Assembly & Bump Site:	JCAP	**Bump Composition:**	SnAgCu
# Pins-Designator, Family:	12-YZT, WCSP/DSBGA	**Bump Diameter:**	0.25mm

Qualification: ☐ **Plan** ☒ **Test Results**

Reliability Test	Conditions	Sample Size/Fail		
		Lot 1	Lot 2	Lot 3
Manufacturability (Assembly)	(per mfg site specifications)	Pass	Pass	Pass

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