




<b>PCN Number:</b>	20221003002.1	<b>PCN Date:</b>	October 03, 2022				
<b>Title:</b>	Qualification of JCAP as an additional assembly site for the TMP108AIYFFR/T						
<b>Customer Contact:</b>	<a href="#">PCN Manager</a>	<b>Dept:</b>	Quality Services				
<b>Proposed 1<sup>st</sup> Ship Date:</b>	Jan 1, 2023	<b>Sample requests accepted until:</b>	Nov 3, 2022*				
<b>*Sample requests received after Nov 3, 2022 will not be supported.</b>							
<b>Change Type:</b>							
<input checked="" type="checkbox"/>	Assembly Site	<input type="checkbox"/>	Design				
<input type="checkbox"/>	Assembly Process	<input type="checkbox"/>	Data Sheet				
<input type="checkbox"/>	Assembly Materials	<input type="checkbox"/>	Part number change				
<input type="checkbox"/>	Mechanical Specification	<input type="checkbox"/>	Test Site				
<input type="checkbox"/>	Packing/Shipping/Labeling	<input type="checkbox"/>	Test Process				
		<input type="checkbox"/>	Wafer Bump Site				
		<input type="checkbox"/>	Wafer Bump Material				
		<input type="checkbox"/>	Wafer Bump Process				
		<input type="checkbox"/>	Wafer Fab Site				
		<input type="checkbox"/>	Wafer Fab Materials				
		<input type="checkbox"/>	Wafer Fab Process				
<b>PCN Details</b>							
<b>Description of Change:</b>							
Texas Instruments Incorporated is announcing the qualification of JCAP as an alternate Assembly site for the TMP108AIYFFR/T. There are no construction differences between the current site and JCAP.							
<b>Reason for Change:</b>							
Supply continuity							
<b>Anticipated impact on Form, Fit, Function, Quality or Reliability (positive / negative):</b>							
None							
<b>Impact on Environmental Ratings</b>							
Checked boxes indicate the status of environmental ratings following implementation of this change. If below boxes are checked, there are no changes to the associated environmental ratings.							
<b>RoHS</b>	<b>REACH</b>	<b>Green Status</b>	<b>IEC 62474</b>				
<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change	<input checked="" type="checkbox"/> No Change				
<b>Changes to product identification resulting from this PCN:</b>							
<b>Assembly Site</b>	<b>Assembly Site Origin (22L)</b>	<b>Assembly Country Code (23L)</b>	<b>Assembly City</b>				
TI Clark	QAB	PHL	Angeles City, Pampanga				
<b>JCAP</b>	<b>JCP</b>	<b>CHN</b>	<b>Jiangyin</b>				
Sample product shipping label (not actual product label)							
  							
<p>MADE IN: Malaysia 2DC: 20:</p> <table border="1"> <tr> <td>MSL 2 /260C/1 YEAR</td> <td>SEAL DT</td> </tr> <tr> <td>MSL 1 /235C/UNLIM</td> <td>03/29/04</td> </tr> </table> <p>OPT: ITEM: 39 LBL: 5A (L)T0:1750</p> <p>(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</p>				MSL 2 /260C/1 YEAR	SEAL DT	MSL 1 /235C/UNLIM	03/29/04
MSL 2 /260C/1 YEAR	SEAL DT						
MSL 1 /235C/UNLIM	03/29/04						

**Product Affected:**

TMP108AIYFFR

TMP108AIYFFT

TI Information  
Selective Disclosure**Qualification Results**

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

Type	#	Test Name	Condition	Duration	Qual Device: <a href="#">TMP108AIYFFR</a>
HAST	A2	Biased HAST	130C/85%RH	96 Hours	1/77/0
UHAST	A3	Unbiased HAST	130C/85%RH	96 Hours	1/77/0
TC	A4	Temperature Cycle	-40C/125C	850 Cycles	1/77/0
HTSL	A6	High Temperature Storage Life	150C	1000 Hours	1/77/0
CHAR	E5	Electrical Characterization	Per Datasheet Parameters	-	1/30/0
FTY	E6	Final Test Yield	-	-	Pass

- QBS: Qual By Similarity
- Qual Device TMP108AIYFFR is qualified at MSL1 260C
- Preconditioning was performed for Autoclave, Unbiased HAST, THB/Biased HAST, Temperature Cycle, Thermal Shock, and HTSL, as applicable
- The following are equivalent HTOL options based on an activation energy of 0.7eV : 125C/1k Hours, 140C/480 Hours, 150C/300 Hours, and 155C/240 Hours
- The following are equivalent HTSL options based on an activation energy of 0.7eV : 150C/1k Hours, and 170C/420 Hours
- The following are equivalent Temp Cycle options per JESD47 : -55C/125C/700 Cycles and -65C/150C/500 Cycles

Quality and Environmental data is available at TI's external Web site: <http://www.ti.com/>**Green/Pb-free Status:**

Qualified Pb-Free(SMT) and Green

TI Qualification ID: R-CHG-2205-080

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

Location	E-Mail
WW Change Management Team	<a href="mailto:PCN_ww_admin_team@list.ti.com">PCN_ww_admin_team@list.ti.com</a>

**IMPORTANT NOTICE AND DISCLAIMER**

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale ([www.ti.com/legal/termsofsale.html](http://www.ti.com/legal/termsofsale.html)) or other applicable terms available either on [ti.com](http://ti.com) or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.