



Final Product/Process Change Notification

Document #:FPCN24813X

Issue Date:30 Sep 2022

Title of Change:	UTAC Thai Assembly site expansion			
Proposed First Ship date:	05 Feb 2023 or earlier if approved by customer			
Contact Information:	Contact your local onsemi Sales Office or Naruedol.Srisamran@onsemi.com			
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.			
Additional Reliability Data:	Contact your local onsemi Sales Office or Shiela.Crosby@onsemi.com			
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com			
Marking of Parts/ Traceability of Change:	No change on marking. Traceability will be maintained by manufacturing lot number.			
Change Category:	Assembly Change			
Change Sub-Category(s):	Manufacturing Site Addition			
Sites Affected:				
onsemi Sites		External Foundry/Subcon Sites		
None		UTAC, Thailand		
Description and Purpose:				
onsemi would like to notify customers of the qualification of UTAC Thailand Bangsamak site as alternative assembly site by applying same machine model and same material.				
	Before Change Description	After Change Description		
Assembly Site	UTAC Thailand Bangkok site	UTAC Thailand Bangkok site (site1) and UTAC Thailand Bangsamak site (Site3)		
Reliability Data Summary:				
QV DEVICE NAME: CAT34C02HU4IGT4A				
RMS: 83616				
PACKAGE: QFN				
Test	Specification	Condition	Interval	Result
HTOL	JESD22-A108	Ta=150°C, 100 % max rated Vcc	1008 hrs	0/77
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/77
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C, Pre TC, uHAST, HAST for surface mount pkgs only		0/231
TC	JESD22-A104	Ta= -65°C to +150°C	500 cyc	0/77
HAST	JESD22-A110	130°C, 85% RH, 18.8psig, bias	96 hrs	0/77
uHAST	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/77
SD	JSTD002	Ta = 245°C, 5 sec		0/15
PD	JESD22 B100,B108			0/30



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Electrical Characteristics Summary:

Electrical characteristics are not impacted.

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [**PCN Customized Portal**](#).

Part Number	Qualification Vehicle
CAT34C02VP21GT4A	CAT34C02HU41GT4A
CAT34C02HU4EGT4A	CAT34C02HU41GT4A
CAT34C02HU41GT4A	CAT34C02HU41GT4A