



Final Product/Process Change Notification
 Document #:FPCN24010XB
 Issue Date:03 Nov 2021

Title of Change:	Package assembly site transfer for narrow body SOIC packages from Amkor to ASE Kunshan	
Proposed First Ship date:	10 Feb 2022 or earlier if approved by customer	
Contact Information:	Contact your local onsemi Sales Office or mon.lingbaoan@onsemi.com	
PCN Samples Contact:	Contact your local onsemi Sales Office or < PCN.samples@onsemi.com >. 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 Phine.Guevarra@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:	Parts can be identified by the assembly code in the traceability code	
Change Category:	Assembly Change	
Change Sub-Category(s):	Manufacturing Site Transfer, Material Change	
Sites Affected:		
onsemi Sites	External Foundry/Subcon Sites	
None	ASEKS, China	
	ATP1 - Amkor Technology Philippines P1	
Description and Purpose:		
This Final PCN is to notify of the completed actions to qualify a new package assembly site, ASE located in Kunshan, China (ASEKS) for narrow body SOIC-8 package that is currently assembled in Amkor Tech Philippines Plant 1. This change is to allow onsemi to consolidate the package assembly manufacturing of SOIC package to limited site for better supply chain management and manufacturing flexibility. The package BOM will be changed to the standard BOM for the SOIC package at ASEKS.		
	Before Change Description	After Change Description
Assembly Site	Amkor Tech Philippines Plant 1	ASE Kunshan
Die Attach	EPXY ABLSTK 84-1 LMIS R4	Hitachi EN4900GC
Mold Compound	SUMITOMO 6600H	Hitachi CEL-9240HF10AK
	From	To
Product marking change	Assembly Site Code for Amkor	Latest marking style format. Assembly Site Code for ASEKS.



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Reliability Data Summary:

QV DEVICE NAME: ADT7461ARZ-REEL

RMS: 078817

PACKAGE: SOIC-8

Test	Specification	Condition	Interval	Results
HTSL	JESD22-A103	Ta= 150°C	1008 hrs	0/240
TC+PC	JESD22-A104	Ta= -65°C to +150°C	1000 cyc	0/240
UHAST+PC	JESD22-A118	130°C, 85% RH, 18.8psig, unbiased	96 hrs	0/240
PC	J-STD-020 JESD-A113	MSL 1 @ 260 °C		0/480
SD	JSTD002	Ta = 245C, 5 sec		0/45

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
ADM1032ARZ-REEL	ADT7461ARZ-REEL
ADT7461ARZ-REEL	ADT7461ARZ-REEL

Appendix A: Changed Products

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Product	Customer Part Number	Qualification Vehicle	New Part Number	Replacement Supplier
ADM1032ARZ-REEL		ADT7461ARZ-REEL	N/A	
ADT7461ARZ-REEL		ADT7461ARZ-REEL	N/A	