



Final Product/Process Change Notification

Document #:FPCN24132ZD

Issue Date:02 Dec 2021

Title of Change:	Transfer assembly from KINGPAK To Tong Hsing Electronic Industries for AR0132AT6B00XPD20	
Proposed Changed Material First Ship Date:	01 Apr 2022 or earlier if approved by customer	
Current Material Last Order Date:	31 Dec 2021 <i>Orders received after the Current Material Last Order Date expiration are to be considered as orders for new changed material as described in this PCN. Orders for current (unchanged) material after this date will be per mutual agreement and current material inventory availability.</i>	
Current Material Last Delivery Date:	31 Mar 2022 <i>The Current Material Last Delivery Date may be subject to change based on build and depletion of the current (unchanged) material inventory</i>	
Product Category:	Active components – Integrated circuits	
Contact information:	Contact your local onsemi Sales Office or Mike.Webster@onsemi.com	
PCN Samples Contact:	Contact your local onsemi Sales Office to place sample order or < PCN.samples@onsemi.com >. Sample requests are to be submitted no later than 45 days after publication of this change notification. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.	
Sample Availability Date:	31 Jan 2022	
PPAP Availability Date:	31 Jan 2022	
Additional Reliability Data:	Contact your local onsemi Sales Office or Amy.Wu@onsemi.com	
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. The change will be implemented at 'Proposed Change Material First Ship Date' in compliance to J-STD-46 or ZVEI, or earlier upon customer approval, or per our signed agreements. onsemi will consider this proposed change and it's conditions acceptable, unless an inquiry is made in writing within 45 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com .	
Change Category		
Category	Type of Change	
Process - Assembly	Move of all or part of assembly to a different location/site/subcontractor.	
Description and Purpose:		
<p>onsemi is relocating AR0132-based family of products for die reconstruct assembly from Kingpak, Chung Lee, Taiwan to Tong Hsing Electronics Limited (THELT), Longtan, Taiwan. Kingpak is a wholly owned subsidiary of Tong Hsing. The existing Kingpak facility will stop RECON production as of 12/31/21.</p> <p>The AEC-100 qualification of the AR0132 product family is not completed yet, but the qualification for the same new site passed on other similar product families. We expect to complete AEC qualification on the AR0132 in January 2022 and will notify customers with this data once available, along with all supporting data.</p>		
	Before Change Description	After Change Description
Reconstruct Assembly Site	Kingpak	Tong Hsing Electronic Industries
There are no product material changes as a result of this change.		
There is no product marking change as a result of this change.		



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Reason / Motivation for Change:	Source/Supply/Capacity Changes	
Anticipated impact on fit, form, function, reliability, product safety or manufacturability:	The device has been qualified and validated based on the same Product Specification. The device has successfully passed the qualification tests. Potential impacts can be identified, but due to testing performed by onsemi in relation to the PCN, associated risks are verified and excluded. No anticipated impacts.	
Sites Affected:		
onsemi Sites		External Foundry/Subcon Sites
None		Kingpak, Taiwan
		Tong Hsing Electronic Industries, Ltd. , Taiwan
Marking of Parts/ Traceability of Change:	Date Code	
Reliability Data Summary: AEC-Q100 data will be made available once completed. We are intending to notify customers via PCN ahead of this conversion to provide adequate time to review the change. Reliability qual data will be provided when available.		
Electrical Characteristics Summary: Electrical characteristics are not impacted.		
List of Affected Parts: <i>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 <u>PCN Customized Portal</u>.</i>		
Current Part Number	New Part Number	Qualification Vehicle
AR0132AT6B00XPD20	NA	AR0132AT6B00XPD20