



Title of Change:	New packing reel material.
Effective date:	10 August 2018
Contact information:	Contact your local ON Semiconductor Sales Office or <Sophia.Kuo@onsemi.com>
Type of notification:	This Product Bulletin is for notification purposes only. ON Semiconductor will proceed with implementation of this change upon publication of this Product Bulletin.
Change Category:	<input type="checkbox"/> Wafer Fab <input type="checkbox"/> Assembly Change <input type="checkbox"/> Test Change <input checked="" type="checkbox"/> Other <u>Packing Reel Change</u>



Change Sub-Category(s):	<input type="checkbox"/> Material Change <input type="checkbox"/> Datasheet/Product Doc change <input type="checkbox"/> Manufacturing Site Addition <input type="checkbox"/> Product specific change <input checked="" type="checkbox"/> Shipping/Packaging/Marking <input type="checkbox"/> Manufacturing Site Transfer <input type="checkbox"/> Other: _____ <input type="checkbox"/> Manufacturing Process Change
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Sites Affected:	ON Semiconductor Sites: None	External Foundry/Subcon Sites: Kingpack
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Description and Purpose:

Update packing reel to improve anti-static performance for static sensitive backside imaging products. There is no outer or inner dimension change between the current reel and proposed reel, both are 13" reels.

The proposed reel meets all other requirements for shipping and packing and is compatible with the automated systems for PCB module assembly.

Supplier		ADVANTEK	
Device Name		RD33xxRB (Blue) Current Mass Production Reel Material	RD33xxDBK(Black) Improved Reel Material
ESD Performance		Coating	Doping
ESD Level	Surface Resistivity(Ω /sq) Specification	$\geq 10^5, < 10^{11}$	$\geq 10^5, \leq 10^9$
	Surface Resistivity(Ω /sq) Reel Measurement	7.97×10^9	1.93×10^7
Appearance Comparison			

List of Affected Parts:

- ARO136AT3B00XUEA0-TPBR
- ARO136AT3B00XUEA0-TRBR
- ARO143ATSC00XUEA0-TPBR
- ARO143ATSC00XUEA0-TRBR
- ARO220AT3R00XUEA0-VL-TPBR



NOTE:

Please be informed that parts impacted by this notice are Customer Specific parts, thus MPN & CPN info will not be reflected in the parts list of this Generic document. Instead please click the link to the addendum copy provided in the email notification to see full list of affected products specific to your company.



Appendix A: Changed Products

Product	Customer Part Number
AR0143ATSC00XUEA0-TPBR	
AR0143ATSC00XUEA0-TRBR	