

## Product Change Notification

<b>PCN Number:</b>	2021-001.3
<b>Date of Issue:</b>	9/20/2021
<b>PCN Effective Date:</b>	9/20/2021

PCN Information					
<b>Title of Change:</b>	VA10820 End of Life Notice and Metallization change				
<b>Customer Approval Required</b> <input type="checkbox"/>	<b>Notification Only</b> <input checked="" type="checkbox"/>				
<b>Type of Change:</b>	<b>Major</b> <input type="checkbox"/>		<b>Minor</b> <input checked="" type="checkbox"/>		<b>Obsolescence</b> <input checked="" type="checkbox"/>
<b>Change Affects:</b>	<b>Form</b> <input type="checkbox"/>	<b>Fit</b> <input type="checkbox"/>	<b>Function</b> <input type="checkbox"/>	<b>Quality/Reliability</b> <input checked="" type="checkbox"/>	<b>N/A</b> <input type="checkbox"/>
<b>Change Description:</b>	<p>VORAGO has limited die remaining for its VA10820 product, which consists of wafers previously processed in the original fab through metal layer 5 and completed through metal layer 8 in a "Trusted" fab in the U.S. All remaining wafers have been probed and test results show to be equivalent to wafers fully processed at the original fab. Good Die on wafers are being assembled into a limited supply of VA10820 plastic parts (128QFP) and are expected to be available around the end of Sept. 2021. A small lot will undergo qualification and results will be available in early 2022.</p> <p>In addition, VORAGO will End of Life all VA10820 products once supply for each is depleted. See list of obsoleted part numbers below. Alternative part numbers are being offered as replacements.</p>				
<b>Potential Impact to Customer:</b>	Once the supply of VA10820 parts is depleted, the part numbers will be obsoleted. Please contact your regional sales contact or <a href="mailto:info@voragotech.com">info@voragotech.com</a> for further information regarding alternative replacement parts.				
<b>Products Affected by Change:</b>	<u>Obsolete Part Number List:</u>		<u>Alternative Part Number List:</u>		
	VA10820-PQ128F0PCA		VA10805-PQ128F0PCA		
	VA10820-CQ128F0ECA				
	VA10820-CQ128F0ECB				
	VA10820-D000000PCA		VA41628-PQ128F0PBA		
<b>Last Time Buy Date:</b>	N/A				
<b>Last Time Ship Date:</b>	N/A				
<b>Contact Email Address:</b>	info@voragotech.com				