



# Product/Process Change Notification

<b>PCN Number</b>	PCN-00197
<b>Subject</b>	Alternate Leadframe Supplier

<b>PCN Date</b>	23 October 2020	<b>Product Type</b>	Integrated Circuits and Kits
<b>PCN Type</b>	<input checked="" type="checkbox"/> PCN (*Customer Approval Required) <input type="checkbox"/> PCI (Notification Only)		

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<b>Customer</b>	All Customers
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### Marvell Part Numbers Affected

88E6110-A0-NAZ2C000  
 88E6320-A0-NAZ2C000  
 88E6321-A0-NAZ2C000  
 88E6321-A0-NAZ2I000  
 88E6321-A0-NAZ2I000-P123  
 88E6321-A0-NAZ2I000-P132

### Marvell Part Numbers with Kit

Marvell Part Number	Kit Part Number
88E6320-A0-NAZ2C000	KT156UTM3-A0
	KT257NASME47-A0
	KT382E63202C000P24-A0
	KT406E6320A0P22-A0
	KT406E6320P22-A0
88E6321-A0-NAZ2I000	KT159ECOE211ASEAT-C0
	KT34088E6321-A0

### Areas Affected

<input type="checkbox"/> Die Revision	<input type="checkbox"/> Physical Specification
<input type="checkbox"/> Product Revision	<input checked="" type="checkbox"/> Material (Lead Frame)
<input type="checkbox"/> Wafer Fabrication Process	<input type="checkbox"/> Manufacturing Site
<input type="checkbox"/> Assembly Process	<input type="checkbox"/> Hardware Reference Manual/Data Sheet
<input type="checkbox"/> Other (Add comment if checked)	



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<b>Description of Change</b>			
<p>Marvell plans to qualify alternate lead frame supplier (HDS) for the above-mentioned part numbers.</p> <p>The alternate substrate suppliers will be enabled upon successful qual completion (Appendix 1).</p>			
<b>Reason / Benefit of Change</b>			
Continuous supply chain and flexibility			
<b>Anticipated Impact on Form, Fit, Function, Quality or Reliability</b>			
No anticipated impact on the form, fit, function, quality and reliability of the products			
<b>Qualification Status</b>	In-progress	<b>Implementation Date</b>	23-Jan-2021
<b>Qualification Samples availability</b>	Please contact your local sales representative.		
<b>Means of distinguishing the change</b>	Device Marking (Lot Number)		
<b>Comments</b>			

<p><b>IMPORTANT CUSTOMER NOTES:</b></p> <p>1.* If Marvell does not receive customer acknowledgement/approval by the implementation date of this notice, it will be assumed that this change is accepted, and Marvell may start shipping products with the change incorporated as of that date.</p> <p>2. Please contact your Marvell sales representative if you have any concerns with this PCN.</p>
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<b>PCN Revision History</b>		
<b>Revision Date:</b>	<b>Revision Number:</b>	<b>Description:</b>
16 October 2020	1	Initial release
Click or tap to enter a date.		

## Product/Process Change Notification

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### Appendix 1. Qualification Plan for Lead Qual Vehicles

<b>Stress</b>	<b>Ref. Standard</b>	<b>Condition/Duration</b>	<b>Sample Size</b>
Preconditioning MSL3	JESD22-A113F J-STD-020D.1 MSL3 Soak	Bake at 125°C for 24hrs Soak at 30°C / 60%RH for 192 hrs IR Flow at 260C peak, 3x	80 x 3 lots
		CSAM	22 x 3 lots
Temp Cycle After Precondition	JESD22-A104	-55°C/+125°C, Condition B Air-to-Air 700cycles	25 x 3 lots
Unbiased HAST After Precondition	JESD22-A118	130°C / 85%RH / 230kPa for 96hr	25 x 3 lots
High Temp Storage	JESD22-A103	Ta = 150°C for 1000hr	25 x 3 lots