

 ENCLUSTRA FPGA SOLUTIONS	Enclustra - Product Change Notification (PCN)	No.: PCN_SP_2024-006
		Date: 15.07.2024

Affected Products		
Product Series	Mercury XU5	
Affected Product Model	All product models	
Affected Parts	EN102224	ME-XU5-2EG-1I-D11E-R1.2
	EN102225	ME-XU5-3EG-2I-D11E-R1.2
	EN102226	ME-XU5-4EV-1I-D11E-R1.2
	EN102229	ME-XU5-5EV-2I-D12E-G1-R1.2
	EN102285	ME-XU5-4EV-1I-D11E-G1-R1.2
	EN102596	ME-XU5-2CG-1E-D10H-R1.2
	EN103308	ME-XU5-2CG-1E-D10H-X1-R1.2
	EN104016	ME-XU5-2CG-1E-D11E-E1-U1-NL-R1.2
	EN104281	ME-XU5-2EG-1I-D11E-X1-R1.2
	EN104005	ME-XU5-2EG-1I4524-D11E-R1.2
	EN104554	ME-XU5-4CG-1I4524-D11E-G1-R1.2
	EN103062	ME-XU5-4EV-1I-D12-R1.2
	EN103077	ME-XU5-4EV-1I-D12-X1-R1.2
Replacement Parts	EN106113	ME-XU5-2EG-1I-D11E-R1.3
	EN106114	ME-XU5-3EG-2I-D11E-R1.3
	EN106116	ME-XU5-4EV-1I-D11E-R1.3
	EN106094	ME-XU5-5EV-2I-D12E-R1.3
	EN106117	ME-XU5-5EV-2I-D12E-G1-R1.3
	EN106118	ME-XU5-4EV-1I-D11E-G1-R1.3
	EN106119	ME-XU5-2CG-1E-D10H-R1.3
	EN106136	ME-XU5-2CG-1E-D10H-X1-R1.3
	EN106137	ME-XU5-2CG-1E-D11E-E1-U1-NL-R1.3
	EN106138	ME-XU5-2EG-1I-D11E-X1-R1.3
	EN106140	ME-XU5-2EG-1I4524-D11E-R1.3
	EN106139	ME-XU5-4CG-1I4524-D11E-G1-R1.3
	EN106144	ME-XU5-4EV-1I-D12-R1.3
	EN106141	ME-XU5-4EV-1I-D12-X1-R1.3

Type of PCN, Description and expected impact for customers	
Type of PCN	A – Post on Enclustra Website ☐ Removal of Product Model (if no customer is affected) ☐ Minor Revision without impact on customer ☐ Other, specify:
	B – Inform current customers ☐ Increase of minimum order quantity (MOQ) ☐ Status Changes to end-of-life (EOL) ☐ Removal of Product Model (if customer is affected) ☐ Major Revision roll-out ☒ Minor Revision with impact for customer ☐ Other, specify:
Description of change	C – Inform all affected customers ☐ Security related bug / Major non-conformance to specification ☐ Other, specify:
	Power Stability Improvement of the Voltage Rail

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Reason for change	Peaks in the voltage rail powering the video codec unit (VCU) and transceivers can drive PWR_GOOD low. This leads to frequent resets of the module during video encoding tasks. To resolve the issue the power rail VCC_0V9 circuit was improved by increasing the output capacitance.
Expected impact on customer	Minor impact on customers using XU5 EV product models
Forecasted key milestones	Last Time Buy (LTB) date: N/A Last Time Ship (LTS) date: N/A

Details of change	
Details	Refer to "Mercury XU5 Known Issues and Changes" document available on Enclustra download site.

Contact
Details If you have any questions or require additional information, please contact support@enclustra.com . Web: www.enclustra.com