Alveo U55C Data Center Accelerator Card Safety and Legal Information

XTP687 (v1.1) October 7, 2021 **Product Specification**

Safety Instructions

These recommendations pertain to unpowered cards. For installation guidelines, refer to the *Alveo U55C Data Center Accelerator Card Installation Guide* (UG1468).

Electronic boards are sensitive to electrostatic discharge (ESD). These devices are wrapped in antistatic bags to prevent damage from ESD.

IMPORTANT! *When you use a wrist strap, follow all electrical safety procedures and instructions provided with the wrist strap. A wrist strap is for static control and designed to protect hardware from ESD. It does not increase or decrease your risk of receiving electric shock when you are using or working on electrical equipment.*

Take the following precautions to prevent ESD damage to these devices:

- Attach an ESD or antistatic wrist strap to a ground pin or an unpainted and grounded metal surface of your system to prevent electrostatic discharge from damaging your hardware.
- Do not remove the device from the antistatic bag until you are ready to install the device in the system.
- With the device still in its antistatic bag, touch it to the metal frame of the system.
- Grasp cards and boards by the edges. Avoid touching the components and gold connectors on the adapter.
- If you need to lay the device down while it is out of the antistatic bag, lay it on the antistatic bag. Before you pick it up again, touch the antistatic bag and the metal frame of the system at the same time.
- Handle the devices carefully to prevent permanent damage.

Prop. 65 Warning for California Residents

WARNING: This product may contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Xilinx is creating an environment where employees, customers, and partners feel welcome and included. To that end, we're removing non-inclusive language from our products and related collateral. We've launched an internal initiative to remove language that could exclude people or reinforce historical biases, including terms embedded in our software and IPs. You may still find examples of non-inclusive language in our older products as we work to make these changes and align with evolving industry standards.

Alveo U55C Data Center Accelerator Card Restricted Substances

China RoHS Table

Toxic and Hazardous Substances or Elements 有毒和危险品			
Equipment Name: **设备名称**	**Data Center Accelerator Card** **資料中心加速器**	**Type Designation (Type):** **型号（形式）**	**Alveo U55C Card**
Series Type: **系统型号**	**Alveo U55C Card**		

Item **项目**	**Restricted Substances and Their Chemical Symbols** **限用物质及其化学符号**					
	Lead **铅** **(Pb)**	**Mercury** **汞** **(Hg)**	**Cadmium** **镉** **(Cd)**	**Hexavalent Chromium** **六价铬** **(Cr^{+6})**	**Polybrominated Biphenyls** **多溴联苯** **(PBB)**	**Polybrominated Diphenyl Ethers** **多溴二苯醚** **(PBDE)**
Electrical Enclosures 电气外壳	○	○	○	○	○	○
Fasteners 紧固件和弹簧	○	○	○	○	○	○
PCBAs 印刷电路板组装	○	○	○	○	○	○
Mechanical Parts 机械零件	○	○	○	○	○	○
Plastic & Rubber Parts 塑料和橡胶零件	○	○	○	○	○	○

Notes:

1. "○" indicates that the content of the toxic and hazardous substance in all the Homogeneous Materials of the part is below the concentration limit requirement as described in GB/T 26572

   "○" 表示该有害物质在该部件所有均质材料中的含量均在 GB/T 26572 规定的限量要求以下。

2. "X" indicates that the content of the toxic and hazardous substance in at least one homogeneous material of the part exceeds the concentration limit requirement as described in GB/T 26572.

   "X" 表该有和无值至少在该部件的某一均质材料中的含量超出 GB/T 26572 规定的限量要求。

BSMI Table

D3C386

RoHS

Equipment Name: 設備名稱	Data Center Accelerator Card 資料中心加速器	Type Designation (Type): 型號（形式）	Alveo U55C Card
Series Type: 系統型號	Alveo U55C Card		

Item 項目	Restricted Substances and Their Chemical Symbols 限用物質及其化學符號					
	Lead 鉛 (Pb)	Mercury 汞 (Hg)	Cadmium 鎘 (Cd)	Hexavalent Chromium 六價鉻 (Cr^{+6})	Polybrominated Biphenyls 多溴聯苯 (PBB)	Polybrominated Diphenyl Ethers 多溴二苯醚 (PBDE)
Heat Sink 散熱片	○	○	○	○	○	○
Case 外殼組件	○	○	○	○	○	○
BGA 半導體組件	○	○	○	○	○	○
PCBA 電路板組件	○	○	○	○	○	○
Screw 螺絲組件	○	○	○	○	○	○

Notes:

1. "Exceeding 0.1 wt %" and "exceeding 0.001 wt %" indicate that the percentage content of the restricted substance exceeds the reference percentage value of presence condition.
   "超出 0.1 wt %" 及 "超出"0.001 wt %" 係指限用物質之百分比含量超出百分比含量基準值。
2. "○" indicates that the percentage content of the restricted substance does not exceed the percentage of reference value of presence.
   "○" 係指該項限用物質百分比含量未超出百分比含量基準值。
3. The "–" indicates that the restricted substance corresponds to the exemption.
   "–" 係指該項限用物質為豁免項目。

Responsible Party

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UART driver implementation for a EUSCIA peripheral for MSP432

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