

Engineering Design Team (EDT) - Certificate of Volatility

Model: PCIe4 CDa, all variations & revisions	Part Number: 019-14149, 019-14692, 019-14758, 019-14916, 019-14919, 019-14970, 019-15507	Address: Engineering Design Team, Inc. 3423 NE John Olsen Avenue Hillsboro, OR 97124 U.S.A. +1-503-690-1234 or 1-800-435-4320
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Volatile Memory

Does the device contain volatile memory (memory whose contents are lost when power is removed)?

Yes No If yes, describe the type, size, function, and steps to clear the memory below

Type (SRAM, DRAM, etc): Altera EP2AGX45DF29C6N	Size: 42959 logic elements	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: PCIe interface and external interface	Steps to clear memory: Power off
Type (SRAM, DRAM, etc): GSI Tech GS8640Z36GT167	Size: 72 MB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Currently not used in EDT firmware	Steps to clear memory: Power off

Non-Volatile Memory

Does the device contain non-volatile memory (memory whose contents are retained when power is removed)?

Yes No If yes, describe the type, size, function, and steps to clear the memory below

Type (Flash, EEPROM, etc): Flash PROM: Spansion S29GL256S or Spansion S29GL512P	Size: 256 or 512 Mbit	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Configuration memory: stores FPGA configuration file (firmware)	Steps to clear memory: EDT pload program. Contact EDT.
Type (Flash, EEPROM, etc): CPLD: Altera MAX II EPM240T100C5N	Size:	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Configuration control: loads FPGA configuration file (firmware) from flash PROM	Steps to clear memory: JTAG. Contact EDT.

Mass Storage

Does the device contain mass storage memory (Hard Disk Drive, Tape Backup)?

Yes No If yes, describe the type, size, function, and steps to clear the memory below

Type (HDD, Tape, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Steps to clear memory:
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USB

Does the item accept USB input and if so, for what purpose (i.e. Print Jobs, device firmware updates, scan upload)?

Yes No If yes, describe the type, size, function, and steps to clear the memory below

Can any data other than scan upload be sent to the USB device)?

Yes No If yes, describe the type, size, function, and steps to clear the memory below

RF/RFID	
Does the item use RF or RFID for receive or transmit of any data including remote diagnostics (e.g. Cellular phone, Bluetooth)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe the type, size, function, and steps to clear the memory below	
Purpose:	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

Other Transmission Capabilities	
Does the device employ any other methods of non-wired access to transmit or receive any data whatsoever (e.g. anything other than standard hard wired TCP/IP, direct USB, or parallel connections)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, describe below	
Purpose:	
Frequency:	Bandwidth:
Modulation:	Effective Radiate Power (ERP):
Specifications:	

Other Capabilities	
Does the device employ any other method of communications such as a Modem to transmit or receive any data whatsoever? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If yes, describe below:	
Purpose: The device's purpose is to transmit / receive digital data across the LVDS and / or RS-422 signal lines via the provided 80-pin connector, under program control enabled by the EDT device driver, libraries and utilities.	
Specifications:	

Author Information			
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