

Engineering Design Team (EDT) - Certificate of Volatility

Model: PCIe8 G3 KU060, 085	Part Number: 019-14990 (PCIe8g3 KU 10G/060/4G/0000/0000/0000) 019-15194 (PCIe8g3 KU 10G/085/4G/0000/0000/0000)	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): 4x SDRAM: DDR3L, Micron, MT41K256M16HA-125:E	Size: 4Gb	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Not used in EDT bitfiles	Steps to clear memory: Power down
Type (SRAM, DRAM, etc):	Size:	User Modifiable: <input type="checkbox"/> Yes <input type="checkbox"/> No	Function:	Steps to clear memory:

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): 2x Flash PROM: Cypress / Spansion S29GL01GS11TFIV10	Size: 1Gb	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Configuration memory: stores FPGA configuration file (firmware)	Steps to clear memory: EDT pcildku utility. Contact EDT
Type (Flash, EEPROM, etc): CPLD: Altera 5M570ZF256C4N	Size: 570 logic elements	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)?
 Yes 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)? Yes No If yes, describe below

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?
 Yes No If yes, describe below:

The E-Series mezzanine boards, when paired with an EDT Main Board, allow RS422, LVDS, or ECL wired interface communication with external equipment.

Specifications:

Author Information

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