

Statement of Volatility - UNCLASSIFIED

Component Information:

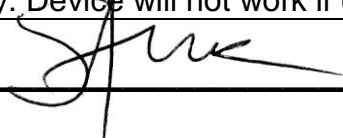
| | | Vendor Response |
|---------------------------------------|--|----------------------------------|
| System Manufacturer: | | The Quantum World Corporation |
| Part Description: | | Hardware True Random Number Gen. |
| Part Number (As Marked on Equipment): | | PQ4000KS |
| Technical Point of Contact: | | Scott Wilber |
| Remarks: | | |

Memory Size, Type, Purpose, Input Method, Protection Method.
For each memory device on a component, please fill out the following:

| Memory Device | Data Response |
|--|---|
| Size (i.e. xx Mbytes, Kbytes, bits) | 423,936 bits |
| Type of Memory: | FPGA Onboard RAM |
| Can Programs write data into the device during normal operation? | NO |
| Can the Operating System write data into the device during normal operation? | NO |
| Does the device retain data when powered off? | NO |
| Has is data input into the device? | On chip (internal) functional processing. |
| How is the device write protected? | N/A |
| Remarks: | |

| Memory Device | Data Response |
|--|--|
| Size (i.e. xx Mbytes, Kbytes, bits) | 4 Mbit |
| Type of Memory: | Flash. FPGA configuration memory. |
| Can Programs write data into the device during normal operation? | NO |
| Can the Operating System write data into the device during normal operation? | NO |
| Does the device retain data when powered off? | YES |
| Has is data input into the device? | Programmer connected to board. |
| How is the device write protected? | Requires physical access inside device enclosure and special programmer. |
| Remarks: | |

| Memory Device | Data Response |
|--|--|
| Size (i.e. xx Mbytes, Kbytes, bits) | 1024 bits |
| Type of Memory: | EEPROM. Product Serial # and product descriptors in USB Interface chip. |
| Can Programs write data into the device during normal operation? | NO |
| Can the Operating System write data into the device during normal operation? | NO |
| Does the device retain data when powered off? | YES |
| How is data input into the device? | Setup program in computer during manufacture. |
| How is the device write protected? | None available from manufacturer (FTDI). |
| Remarks: | Unintentional writing extremely unlikely. Device will not work if changed. |

Signature:  _____

Title: President _____

Date: 3 FEB 16 _____