

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):	R32MU
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)	2048 bits
Type of Memory:	EEPROM. Product Serial # and product descriptors for 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?	Writing controlled by USB interface chip.
Remarks:	Unintentional writing extremely unlikely. Device will not work if changed.

Signature: _____

Title: President

Date: 28 JUN 12