Date: 5/29/12

Certificate of Volatility				
Model: **DNx-DIO-449**	**Part Number:** **DNx-DIO-449**	**Manufacturer: United Electronic Industries, Inc**		
		Street Address: 27 Renmar Ave		
		City: Walpole	**State: MA**	**Zip: 02081**

Volatile Memory

Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?
X☐ Yes   ☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type (SRAM, DRAM, etc.):	Size:	User Modifiable:	Function:	Process to Clear:
FPGA implementation of SRAM	**2048 byte**	☐ Yes X☐ No	**FIFO buffers data to ensure no data loss during Ethernet communications.**	**Power off**
Type (SRAM, DRAM, etc.):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:
Type (SRAM, DRAM, etc.):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:

Non-Volatile Memory

Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)?
X☐ Yes   ☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Can this item contain Cache or Buffer information after shut down?
☐ Yes   X☐ No

Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable:	Function:	Process to Clear:
EEPROM	**2048**	X☐ Yes ☐ No	**Stores board info such as Serial number, rev number and calibration info**	**Requires a specific overwrite command which may negatively impact board performance.**
Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:
Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:

Media

Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)?
☐ Yes   X☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type (Disk, Tape, etc.): Removable: ☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:
Type (Disk, Tape, etc.): Removable: ☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:
Type (Disk, Tape, etc.): Removable: ☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Clear:

Additional Information:

Validation Test

Does the item have a validation test method? (to determine that it has been returned to default settings, cleared, flushed)
☐ Yes   X☐ No

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Additional Information:

Vendor Representative Information			
Name: **Bob Judd**	**Title:** **Director of Mktg**	**Office Phone:** **508-921-4557**	**Fax/Email:** **bjudd@ueidaq.com**