Date: 5/29/12

Certificate of Volatility										
Model:	Part Number:	,								
DNR-DIO-433	DNR-DIO-433	NR-DIO-433		reet Address: 27 Renmar Ave		N/A 72 02001				
			1		e: MA Zip: 02081					
Volatile Memory  Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?										
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)?    X   Yes										
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):										
Type (SRAM, DRAM, etc.):	Size:			Function:		Process to Clear:				
FPGA implementation of SR	AM 2048 byte	Modifiab ☐ Yes	le:	FIFO buffers data to ensure no data loss during Ethernet		Power off				
	byte	X No		communications.						
Type (SRAM, DRAM, etc.):	Size:	User		Function:		Process to Clear:				
		Modifiable:								
		☐ Yes ☐ No								
Type (SRAM, DRAM, etc.):	Size:	User		Function:		Process to Clear:				
		Modifiab	le:							
		☐ Yes ☐ No				!				
			Volati	ile Memory						
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?										
Can this item contain Cache or Buffer information after shut down?   Yes X No										
Type (BBRAM, Flash, EEPR		User		Function:		Process to C				
etc.):	2048	Modifiab		Stores board info such as S	erial	Requires a specific overwrite command which may				
EEPROM		X□ Yes □ No		number, rev number and calibration info		negatively in				
				cunoration into		performance				
Type (BBRAM, Flash, EEPR	OM, Size:	User		Function:		Process to C	lear:			
etc.):		Modifiable: ☐ Yes								
		□ No								
Type (BBRAM, Flash, EEPR	OM, Size:	User		Function:		Process to C	lear:			
etc.):		Modifiable: ☐ Yes								
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.):	Size:	User	)	Function:	is ii iet	Process to C	lear:			
		Modifiab	le:							
Removable:  ☐ Yes ☐ No		☐ Yes ☐ No								
Yes No Type (Disk, Tape, etc.):	Size:	User		Function:		Process to C	lear:			
		Modifiab	le:							
Removable:		Yes								
Yes No Type (Disk, Tape, etc.):	Size:	☐ No User		Function:		Process to C	lear•			
Type (Dish, Tupe, etc.).	Size	Modifiable:		T unction.						
Removable:		Yes								
Yes No		☐ No								
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										
ii the answer is 'Yes', please	If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):									

The information contained on this form shall be considered <u>Company Proprietary Data</u> furnished by the item manufacturer. The data shall be released only to UEI customer employees or US Government representatives as necessary to accomplish the intended task (i.e., obtaining approval to operate a system processing classified data and incorporating the described item). The data shall not be disseminated to other vendor/contractor personnel without the express written authorization of the manufacturer.

## Company Proprietary Data

## **Additional Information:**

UEI's PowerDNA RACKtangles and Cubes do not store any data, input or output, in any non-volatile memory unless the writing of this data is specifically implemented in the customer software. All data written to and/or read from PowerDNA chassis is lost within seconds of power loss or if the power switch is turned off.

The only exception to this rule is the user, either via the API or PowerDNA Explorer, may store default "power on" and "emergency shut-down" output conditions/states of the analog and digital output devices. Note that even this data is ONLY written to non-volatile memory upon specific instructions either from PowerDNA Explorer or the appropriate API call and never from standard data I/O functions.

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

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