Date: 10/24/2011

Certificate of Volatility									
Model:	Manufacturer: United Electronic Industries, Inc								
DNx-AO-308-350	DNx-AO-308-3	t Number: x-AO-308-350		Street Address: 27 Renmar Ave					
21,11120 000 000	21,1110 000 0	D1(A 110 000 000				e: 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		Function:		Process to Clear:			
FPGA implementation of SR		Modifiable:		FIFO buffers data to ensure no		Power off			
	byte	☐ Yes X☐ No		data loss during Ethernet communications.					
Type (SRAM, DRAM, etc.):	Size:	User		Function:		Process to Clear:			
Type (Sixtivi, Birtivi, etc.).	Size.	Modifiable:		· ·····································		Trocess to cicur.			
		☐ Yes							
		□ No							
Type (SRAM, DRAM, etc.):	Size:	User		Function:		Process to Clear:			
		Modifiable: ☐ Yes							
	, 	Non-	Volati	ile 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	g information	on for ea	ach type (use additional shee	ets if rec	quired):			
Can this item contain Cache or Buffer information after shut down?  Yes X No									
Type (BBRAM, Flash, EEPR	OM, Size:	User		Function:		Process to Cl	ear:		
etc.):	2048	Modifiab		Stores board info such as	Serial	Requires a specific overwrite			
EEPROM		X Yes	3	number, rev number and		command which may			
	□ No			calibration info negatively impact board performance.					
Type (BBRAM, Flash, EEPR	OM. Size:	User		Function:		Process to Cl			
etc.):	,	Modifiable:							
		☐ Yes							
T (DDD AM EL L'EEDD	OM G!	□ No		T		D ( C)			
Type (BBRAM, Flash, EEPROM, etc.):		User Modifiable:		Function:		Process to Clear:			
etc.).		Yes Yes							
		☐ No							
				edia					
Does the item contain media :  Yes X No	storage capability (i.	e., removab	le or no	n-removable disk drives, tap	pe drive	es, memory car	ds, etc.)?		
If the answer is 'Yes', please	provide the followin	g informatio	on for ea	ach type (use additional shee	ets if red	auired):			
Type (Disk, Tape, etc.):	Size:	User		Function:		Process to Cl	ear:		
		Modifiah	ole:						
Removable:		Yes							
Yes No	Size:	User		E		December Cl			
Type (Disk, Tape, etc.):	Size:	User Modifiah	do.	Function:		Process to Cl	еаг:		
Removable:		Yes	nc.						
☐ Yes ☐ No		☐ No							
Type (Disk, Tape, etc.):	Size:	User		Function:		Process to Cl	ear:		
		Modifiah	ole:						
Removable:		☐ Yes ☐ No							

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

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Additional	i Inform	ation

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.

Validation Test							
Does the item have a validation test method? (to determine that it has been returned to default settings, cleared, flushed)							
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):							
Additional Information:							
Vendor Representative Information							
Title:	Office Phone:	Fax/Email:					
Director of Mktg	508-921-4557	bjudd@ueidaq.com					
	vendor Represer	the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in the following information for each type (use additional sheets in					

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