

		Certific	ate of Volatility		
Model:	Part Number:	Number: Manufacturer: Safran Electronics & Defense SLU			
White Rabbit ZEN	EQP-TP32BNC-02		Street Address: Calle Periodista Rafael Gómez Montero, 2		
TP-32BNC		City:	Granada Sta	ate: Granada Zip: 18014	
		Vola	tile Memory		
Does the item contain vo	olatile memory (nose contents are lost when	power is removed)?	
🛛 Yes 🗌 No					
If the answer is 'Yes', ple	ase provide the	following infor	mation for each type:		
Type (SRAM, DRAM, etc.	.): Size:	User	Function:	Process to Sanitize:	
DDR3 – SDRAM (IC5)	512GB	Modifiable:	Operating system and	Power down	
		🛛 Yes	application memory		
		No No			
Type (SRAM, DRAM, etc.	-	User	Function:	Process to Sanitize:	
Zynq on-chip RAM (U9)	256KB	Modifiable:	Application memory	Power down	
		Yes			
		🛛 No			
Type (SRAM, DRAM, etc.	.): Size:	User	Function:	Process to Sanitize:	
Zynq FPGA (U9)	3.3Mb	Modifiable:	Timing subsystem &	Power down	
		Yes	programmable logic		
		🛛 🛛 No			
		Non-V	olatile Memory	,	
Does the item contain n	on-volatile mem		•	ned when power is removed)?	
Yes No		., (,	,	····· ···· ····· ·····················	
If the answer is 'Yes', ple	ase provide the	following infor	mation for each type:		
Type (BBRAM, Flash,	Size:	User	Function:	Process to Sanitize:	
EEPROM, etc.):	32MB	Modifiable:	Bootloader and recovery	None	
NOR Flash (U22)	-	Yes	image.		
		No No			
Type (BBRAM, Flash,	Size:	User	Function:		
	JIZC.	Usei		Process to Sanitize:	
		Modifiable:	This is where the	Process to Sanitize: None	
EEPROM, etc.):	128KB	Modifiable:			
EEPROM, etc.):		Modifiable:	This is where the BootROM of the ARM		
EEPROM, etc.): Zynq on-chip ROM (U9)	128KB	Modifiable: Yes No	This is where the BootROM of the ARM processor resides.	None	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash,	128KB Size:	Modifiable: Yes No User	This is where the BootROM of the ARM processor resides. Function:	None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.):	128KB	Modifiable: Yes No User Modifiable:	This is where the BootROM of the ARM processor resides. Function: Maintains the serial	None	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.):	128KB Size:	Modifiable: Yes No User Modifiable: Yes	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform	None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.):	128KB Size:	Modifiable: Yes No User Modifiable:	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration	None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14)	128KB Size: 8KB	Modifiable: Yes No User Modifiable: Yes No	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters.	None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash,	128KB Size: 8KB Size:	Modifiable: Yes No User Modifiable: Yes No User	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function:	None Process to Sanitize: None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.):	128КВ Size: 8КВ Size: 2Кb	Modifiable: Yes No User Modifiable: Yes No User Modifiable:	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial	None Process to Sanitize: None	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U1) - MINIEXP-	128КВ Size: 8КВ Size: 2Кb	Modifiable: Yes No User Modifiable: Yes No User Modifiable: User Modifiable: Yes	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP-	None Process to Sanitize: None Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U1) - MINIEXP- board	128KB Size: 8KB Size: 2Kb 01	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board.	None Process to Sanitize: None Process to Sanitize: None None	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U1) - MINIEXP- board Type (BBRAM, Flash,	128KB Size: 8KB Size: 2Kb 01 Size:	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No User User User Modifiable: Ser Modifiable: User	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board. Function:	None Process to Sanitize: None Process to Sanitize: None Process to Sanitize: Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U1) - MINIEXP- board Type (BBRAM, Flash, EEPROM, etc.):	128KB Size: 8KB Size: 2Kb 01 Size: 2Kb	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No User Modifiable: Modifiable:	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board. Function: Maintains the serial	None Process to Sanitize: None Process to Sanitize: None None	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM (U1) - MINIEXP- board Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U3) – EXP32BN	128KB Size: 8KB Size: 2Kb 01 Size: 2Kb	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board. Function: Maintains the serial number of the EXP32BNC	None Process to Sanitize: None Process to Sanitize: None Process to Sanitize: Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U1) - MINIEXP- board Type (BBRAM, Flash, EEPROM, etc.):	128KB Size: 8KB Size: 2Kb 01 Size: 2Kb	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No User Modifiable: Modifiable:	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board. Function: Maintains the serial number of the EXP32BNC board and its calibration	None Process to Sanitize: None Process to Sanitize: None Process to Sanitize: Process to Sanitize:	
EEPROM, etc.): Zynq on-chip ROM (U9) Type (BBRAM, Flash, EEPROM, etc.): EEPROM (IC14) Type (BBRAM, Flash, EEPROM (U1) - MINIEXP- board Type (BBRAM, Flash, EEPROM, etc.): EEPROM (U3) – EXP32BN	128KB Size: 8KB Size: 2Kb 01 Size: 2Kb	Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No User Modifiable: Yes No	This is where the BootROM of the ARM processor resides. Function: Maintains the serial number of the platform and some calibration parameters. Function: Maintains the serial number of the MINIEXP- 01 board. Function: Maintains the serial number of the EXP32BNC	None Process to Sanitize: None Process to Sanitize: None Process to Sanitize: Process to Sanitize:	



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Media

Does the item contain media storage capability (i.e., removable or nonremovable disk drives, tape drives, memory cards, etc.)?								
🛛 Yes 🗌 No								
If the answer is 'Yes', please provide the following information for each type:								
Type (Disk, Tape, etc.):	Size:	User	Function:	Process to Sanitize:				
Micro SD memory card	16GB	Modifiable:	System filesystem with	Perform system update operation with				
Removable:		🛛 Yes	operating system,	forced and clean options or remove disk.				
🛛 Yes 🗌 No		🗌 No	application, and user					
			storage during operation					
Additional Information:								
None								
Orolia Representative Information								
Name:	Title:		Office Phone:	Fax/Email:				
Carlos Valenzuela	Product Manager		P +34 958 285 024	carlos.valenzuela@nav-				
			M +34 687 331 178	timing.safrangroup.com				
Signature:	Date:							