



Certificate of Volatility

Model: SecureSync 1200	Part Number: 1200-xxx	Manufacturer: Orolia		
		Street Address: 1565 Jefferson Rd, Suite 460		
		City: Rochester	State: NY	Zip: 14623

Volatile Memory

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

If the answer is 'Yes', please provide the following information for each type:

Type (SRAM, DRAM, etc.):	Size:	User Modifiable:	Function:	Process to Sanitize:
SDRAM - ETX	2GB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Operating system and application memory	Power down
Type (BBRAM, Flash, EEPROM, etc.): CMOS – ETX RTC	32B	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Real time clock	Remove internal coin battery
Type (SRAM, DRAM, etc.): SRAM – GNSS Receiver (1200-xx3 P/Ns)	128KB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Receiver application memory	Power down
Type (SRAM, DRAM, etc.): SRAM – SAASM Receiver (1200-xx5, 1200-xx7 P/Ns)	PIEA Req'd	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Receiver application memory	Power down
Type (SRAM, DRAM, etc.): SRAM – U1	64KB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Process stack for timing subsystem	Power down
Type (SRAM, DRAM, etc.): SDRAM – U3	64MB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Timing subsystem operating system and application memory	Power down
Type (SRAM, DRAM, etc.): FPGA – U12	512KB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Timing subsystem programmable logic	Power down

Non-Volatile Memory

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

If the answer is 'Yes', please provide the following information for each type:

Type (BBRAM, Flash, EEPROM, etc.):	Size:	User Modifiable:	Function:	Process to Sanitize:
Flash – ETX BIOS	4MB	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	BIOS data only modifiable via system update processes	None

Type (BBRAM, Flash, EEPROM, etc.): Flash – GNSS Receiver (1200-xx3 P/Ns)	Size: 512KB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Persistent GNSS data including position data	Process to Sanitize: Perform update operation with forced and clean options
Type (BBRAM, Flash, EEPROM, etc.): Flash – SAASM Receiver (1200-xx5, 1200-xx7 P/Ns)	Size: PIEA Req'd	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Persistent GNSS data including position and key data	Process to Sanitize: Perform zeroize function
Type (SRAM, DRAM, etc.): EEPROM – U6	Size: 8KB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Timing system configuration data and saved user reference priority data	Process to Sanitize: Perform update operation with forced and clean options
Type (BBRAM, Flash, EEPROM, etc.): Flash – U1	Size: 512KB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Maintains failsafe bootloader image for timing subsystem	Process to Sanitize: None
Type (BBRAM, Flash, EEPROM, etc.): Flash – U5	Size: 8MB	User Modifiable: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Storage of run-time and failover images for timing subsystem firmware and FPGA only modifiable through system update process	Process to Sanitize: None

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.): Compact Flash	Size: 1GB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Operating system, application, and user storage during operation	Process to Sanitize: Perform update operation with forced and clean options, or remove disk.
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Additional Information:

None

Orolia Representative Information

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Signature:			Date: