Statement of Volatility

Component Information:

	Vendor Response
System Manufacturer:	Emcraft Systems
Part Description:	Microcontroller module
Part Number (As Marked on Equipment):	M2S-SOM-FG896-2A
Technical Point of Contact:	www.emcraft.com
Remarks:	

Memory Size, Type, Purpose, Input Method, Protection Method.
For each memory device on a component, please fill out the following:

Memory Device: on-chip FLASH memory of Microsemi M2S050T-FGG896 FPGA	Data Response
Size (i.e. xx Mbytes, Kbytes, bits)	256 KBytes
Type of Memory:	NOR FLASH
Can Programs write data into the device during normal operation?	Yes
Can the Operating System write data into the device during normal operation?	Yes
Does the device retain data when powered off?	Yes
Has is data input into the device?	Using a dedicated Microsemi Corporation PC software (FlashPro) or by the MCU firmware through a dedicated on-chip controller during the run-time.
How is the device write protected?	Software protected, using a dedicated Microsemi Corporation PC software (FlashPro).
Remarks:	

Memory Device: on-chip SRAM memory of Microsemi M2S050T-FGG896 FPGA	Data Response
Size (i.e. xx Mbytes, Kbytes, bits)	80 KBytes
Type of Memory:	SRAM
Can Programs write data into the device during normal operation?	Yes
Can the Operating System write data into the device during normal operation?	Yes
Does the device retain data when powered off?	No
Has is data input into the device?	By the MCU firmware through a dedicated on-chip controller during the run-time.
How is the device write protected?	Not write protected.
Remarks:	

Memory Device: Spansion S25FL128SDPBHIC0	Data Response
Size (i.e. xx Mbytes, Kbytes, bits)	16 MByte
Type of Memory:	NOR FLASH
Can Programs write data into the device during normal operation?	Yes
Can the Operating System write data into the device during normal operation?	Yes
Does the device retain data when powered off?	Yes
Has is data input into the device?	By the MCU firmware through a dedicated controller of the MCU during

	the run-time .
How is the device write protected?	Software protected, using the MCU firmware.
Remarks:	

Memory Device: Micron MT46H32M16LFBF (package code D9LQQ)	Data Response
Size (i.e. xx Mbytes, Kbytes, bits)	64 MByte
Type of Memory:	Low-power DDR SDRAM
Can Programs write data into the device during normal operation?	Yes
Can the Operating System write data into the device during normal operation?	Yes
Does the device retain data when powered off?	No
Has is data input into the device?	By the MCU firmware during the run-time through a dedicated controller of the MCU.
How is the device write protected?	Not write protected.
Remarks:	

Signature: _____

Title: Managing Director, CONCRAFT SYSTEMS

Date: 2/26/13