

Equipment Information				
Model Name: Curiosity- PIC64GX1000-Kit	Part Number: Curiosity- PIC64GX1000-Kit	Manufacturer: Microchip		
		Street Address: 3870 N. 1 st St.		
		City: San Jose	State: CA	Zip: 95134
Model/Part Description: Curiosity-PIC64GX1000-Kit (Contains PIC64GX1000)				
Volatile Memory				
Does the item contain volatile memory (i.e., memory whose contents are lost when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required) following DSS Clearing and Sanitization Matrix requirements				
Type: L2 Cache (inside PIC64GX1000)	Size: 2MB or 1.875 MB LIM with ECC	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Battery Backup <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Inside device Runtime reconfiguration between cache and RAM	Process to Clear/Sanitize: By using device applications/Design
Type: E51 RISC V Monitor core L1 iCache DTIM (inside PIC64GX1000)	Size: 16KB 8KB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Battery Backup <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Inside device Cache memory for instruction, it is used for fetching instructions.	Process to Clear/Sanitize: By using device applications/Design
Type: U54 RISV-Application core L1 icache L1 dCache (inside PIC64GX1000)	Size: 32KB/ITIM- 28KB 32KB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Battery Backup <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Inside device Cache memory for instruction and Data, it is used for fetching instructions	Process to Clear/Sanitize: By using device applications/Design
Type: DDR4 SDRAM MT40A512M16TB-062E:R	Size 8Gbit	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Battery Backup <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: For DDR4 application design read write	Process to Clear/Sanitize: Parallel interface MSS DDR controller issues commands to the DDR PHY, which sends and receives data to/from the DDR SDRAM via the MSS DDR BANK 6 I/O.
Non-Volatile Memory				
Does the item contain non-volatile memory (i.e., memory whose contents are retained when power is removed)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required) following DSS Clearing and Sanitization Matrix requirements				
eNVM Boot Flash (inside PIC64GX1000)	Size: 128 KB	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Storing initialization data for LSRAM and uSRAM	Process to Clear/Sanitize: Through JTAG Interface
EEPROM Memory 93LC56BT-I/OT (External EEPROM)	2Kbit	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Function: Storing configuration data	Process to Clear/Sanitize: USB Interface
Media				
Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				

If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):

Type: microSD Card connector MEM2075-00-140-01-A	Size: 9 (8 + 1) Position Card Connector	User Modifiable: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No User Data Access: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Battery Backup <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Function: Secure Digital - microSD Surface Mount Gold Connector only (No microSD card along with KIT).	Process to Clear/Sanitize: MSS SD Host controller able to access microSD card (SDUC) inserted into microSD card slot.
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Additional Information:

Supplier Representative Information

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