

Letter of Volatility

Part Number(s): TMS320F2812	Package Types: 176 ball LQFP	Temperature Ratings: A/S/Q	Manufacturer: Texas Instruments		
			Street Address: POST OFFICE BOX 655303		
			City: Dallas	State: TX	Zip: 75265

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 (use additional sheets if required):				
Type (SRAM, DRAM, etc.): SRAM	Size: 36KB	User Modifiable: ☒ Yes ☐ No	Function: Working memory used for storing data variables or executable CPU/CLA program code	Process to Sanitize: Power off for 10 seconds to allow bits to return to a default state on subsequent power on

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 (use additional sheets if required):				
Type (BBRAM, Flash, EEPROM, etc.): Flash	Size: 256KB	User Modifiable: ☒ Yes ☐ No	Function: Working memory used to store either user program code for the CPUs or user data	Process to Sanitize: Run Flash Erase algorithm to reset the programmed bits/words/sectors back to erased state of 0xFFFF. Please see the TMS320F2812 datasheet for timing and endurance information
Type (BBRAM, Flash, EEPROM, etc.): User Configurable OTP(One Time Programmable) ROM	Size: 2KB	User Modifiable: ☒ Yes ☐ No	Function: One Time Programmable Memory, User programmable used to store device configuration info such as the link pointers.	Process to Sanitize: Programmed bits cannot be re-used. If sanitization is required all bits in a section/word could be programmed to all 0x0000, but that section cannot be re-used
Type (BBRAM, Flash, EEPROM, etc.): Boot ROM and Secure ROM	Size: 8KB	User Modifiable: ☐ Yes ☒ No	Function: Boot Code, Math Lookup Tables, no user data stored	Process to Sanitize: NA

Media

Does the item contain media storage capability (i.e., removable or non-removable disk drives, tape drives, memory cards, etc.)? ☐ Yes ☒ No				
If the answer is 'Yes', please provide the following information for each type (use additional sheets if required):				
Type (Disk, Tape, etc.): Removable: ☐ Yes ☐ No	Size:	User Modifiable: ☐ Yes ☐ No	Function:	Process to Sanitize:

Additional Information:
Vendor Representative Information

Name: Santosh Jha	Title: Applications Engineer	Office Phone: 832-939-2711	Fax/Email: sjha@ti.com
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