

Letter of Volatility

Part Number(s): TMS320F28379D TMS320F28378D TMS320F28377D TMS320F28375D	Package Types: 337 ball ZWT 176 pin PTP 100 pin PZP	Temperature Ratings: T/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: 204KB	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
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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: 1MB	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 TMS320F2837xD 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.): TI OTP(One Time Programmable) ROM	Size: 2KB	User Modifiable: ☐ Yes ☒ No	Function: One Time Programmable Memory, Reserved for TI use to store device parameters, trims, test data. No user data stored.	Process to Sanitize: NA
Type (BBRAM, Flash, EEPROM, etc.): Boot ROM and Secure ROM	Size: 128KB	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:
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Additional Information:
Vendor Representative Information

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