

Memory Information and Procedures

Product: UI231A, UI232A, UI233A Digital Multimeter, 3½ digit

Date: October 24, 2014

Memory Type: Processor SRAM Memory	Memory Size: 2kbytes
Memory Function: Temporary execution data	
User Modifiable (Y/N): N	Volatile (Y/N): Y
Memory Erase Processes:	
<ul style="list-style-type: none"> • Power off 	

Memory Type: Processor Flash Memory	Memory Size: 60kbytes
Memory Function: Contains Instrument Firmware for code storage. There is no separate BIOS memory chip on the board.	
User Modifiable (Y/N): N	Volatile (Y/N): N
Memory Erase Processes:	
<ul style="list-style-type: none"> • Not user accessible, only can be erased from factory or refresh process. 	

Memory Type: Serial I2C EEPROM Memory	Memory Size: 64kbytes
Memory Function: Store serial number, power on settings, calibration constants, calibration security code, calibration count and data logging information.	
User Modifiable (Y/N): Y	Volatile (Y/N): N
Memory Erase Processes:	
<ul style="list-style-type: none"> • The serial number and the power on settings are user accessible, only can be erased from factory or refresh process. • The calibration constants are not user accessible, only can be erased from factory or refresh process. • Calibration security code is user accessible, and can be overwritten. • Calibration count is accessible and can be overwritten. It cannot be cleared -- the maximum value for this number is 65535 after which it wraps-around to 0. • Data logging information is user accessible. It can be cleared by press the LOG button for more than 1 second under data VIEW mode. 	

Select one of the following:

- Sanitization process is documented above
- Sanitization process could be available with engineering resources
- Sanitization process is not possible (i.e. sanitize the product by destruction)