

## Memory Information and Procedures

Product: M9181A, M9182A, M9183A PXI Digital Multimeter

Date: March 2, 2021

<b>Memory Type:</b> EEPROM	<b>Memory Size:</b> 1K Bits
<b>Memory Function:</b> EEPROM to store model #, Serial #; PCI Boot process	
<b>User Modifiable (Y/N):</b> N	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> No method, not user accessible and contains no application-specific information.	

<b>Memory Type:</b> RAM	<b>Memory Size:</b> 256 bytes RAM
<b>Memory Function:</b> DMM in-guard uController reading storage	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> Y
<b>Memory Erase Processes:</b> Memory is erased by removing power for 10 minutes.	

<b>Memory Type:</b> One time programmable EEPROM	<b>Memory Size:</b> 8K byte
<b>Memory Function:</b> DMM in-guard uController firmware for DMM operation	
<b>User Modifiable (Y/N):</b> N	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> No method, not user accessible and contains no application-specific information.	

<b>Memory Type:</b> EEPROM	<b>Memory Size:</b> 128K bits
<b>Memory Function:</b> Memory Storage for calibration data	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> N
<b>Memory Erase Processes:</b> No method. Calibration access is password protected and calibration data is range and format restricted. Can write data during calibration, but it cannot be retrieved or edited. Calibration constant information is instrument specific and is used to shift the operating point of the instrument such that the output is within specification. There is no application information stored in this memory.	

<b>Memory Type:</b> RAM on PCI controller	<b>Memory Size:</b> 32 bytes
<b>Memory Function:</b> buffering backplane messages	
<b>User Modifiable (Y/N):</b> Y	<b>Volatile (Y/N):</b> Y
<b>Memory Erase Processes:</b> Remove power for 10 minutes	

<b>Memory Type:</b> RAM on UART	<b>Memory Size:</b> 16 bytes
<b>Memory Function:</b> Buffering serial data	
<b>User Modifiable (Y/N):</b> Yes	<b>Volatile (Y/N):</b> Y
<b>Memory Erase Processes:</b> Remove power for 10 minutes	