Statement of Volatility
Teledyne LeCroy Quantum Data 780D/E
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This document describes the types, capacities, contents of volatile and non-volatile memory devices within 780D/E products as well as clearing procedure for non-volatile memory devices. Please note that if the original memory device is no longer available, replacement parts may be used, but functionality of the replacement devices is equivalent to the part they have replaced, and clearing procedures are unchanged.

Volatile Memory				
Part	**Type**	**Num Parts**	**Size Per Part**	**Total Size**
MT48LC16M16A2	SDRAM	2	256Mbit	512Mbit
MT41J128M16HA	DDR3 SDRAM	4	2Gbit	4Gbit

Non-Volatile Memory				
Part	**Type**	**Num Parts**	**Size Per Part**	**Total Size**
24LC32	EEPROM	1	32Kbit	32Kbit
M25P64	FLASH	2	64Mbit	128Mbit
MT29F2G16ABAEAWP	FLASH	1	2Gbit	2Gbit
M25P10A	FLASH	2	1Mbit	2Mbit
W25X40CLSNIG	FLASH	2	4Mbit	8Mbit

M25P64:

This is used to store firmware and FPGA code. It does not store any user data.

W25X40CLSNIG and M25P10A:

These are used to store firmware of the transmitter and receiver ICs. They are not used to store any user data.

24LC32:

This device stores settings, calibration, and system information about the particular unit. It does not store any other data or files.

MT29F2G16ABAEAWP:

This is used to store user files on the unit.

Clearing procedure for the MT29F2G16ABAEAWP:

1. Select “Preferences” on the 780 LCD, and ensure that USB Mode is set to “Disk.” If USB Mode is not set to “Disk,” set to “Disk” and reboot the 780.
2. Connect 780 to PC.
3. 780 will appear to the PC as a FAT-formatted drive and expose the MT29F2G16ABAEAWP over USB.
4. A full format of the drive in Windows, followed by any necessary overwriting, will clear the contents of this flash part.
5. It is highly recommended to restore the default files of the unit, currently at http://www.quantumdata.com/support/downloads/780/780Supplement20130114.zip by decompressing the linked archive locally, and copying the files to the 780 unit via USB.