

# Digital Discovery Statement of Volatility

Revision A.2



1300 NE Henley Court, Suite 3  
Pullman, WA 99163  
(509) 334 6306 Voice | (509) 334 6300 Fax

This document lists the location, purpose, capacity, volatility and (re)programmability of memory devices that may be installed on the Digital Discovery (DPN: 210-338). The terms programmable and erasable refer to normal means of access available to the public. It does not include reverse-engineering or any other attempts to extract data from these devices. The content of this document is provided for information purposes only.

## Volatile memory

IC	Memory Purpose	User programmable	User removable	Size	Reset procedure
XC6SLX25-L1 CSG324	Configuration data for internal latches	Yes	No	6,440,432b	Remove power for 60 seconds
	Block RAM pattern generator data	Yes	No	936Kib	Remove power for 60 seconds
	Distributed RAM IO configuration	Yes	No	229Kib	Remove power for 60 seconds
MT41J128M16JT-125 DDR3	Acquisition and pattern generator data	Yes	No	2Gib	Remove power for 60 seconds
FT232HQ	USB device controller	Yes	No		Remove power for 60 seconds
ATtiny24V-10MU	Registry set for power monitor	No	No	128B	Remove power for 60 seconds

## Non-volatile memory

IC	Memory Purpose	Technology	User programmable	User removable	Size	Reset procedure
93LC66B SOT23-6	Factory and User Calibration	EEPROM	Yes	No	4KiB	1.
93LC56B SOT23-6	USB ID and Configuration	EEPROM	Yes	No	2KiB	2.a or 2.b
ATtiny24V-10MU	Power monitor Firmware	FLASH	No	No	2KiB	none
	unused	EEPROM	No	No	128B	none

1. The user calibration can be erased under WaveForms application/ Settings/ Device Manager/ Calibrate/ Reset/ "Load factory" and press Apply.
- 2.a The username can be changed under WaveForms application/ Settings/ Device Manager/ Rename enter a different name (default name is "DDiscovery") and press Ok
- 2.b The FT\_Prog.exe from FTDI can be used to erase the entire EEPROM content, "Erase Device". This will remove device ID and SN as well!