

## Analog Discovery 3 Statement of Volatility

Revised September 12, 2022, Author: KA  
 This document applies to the Analog Discovery 3 rev. C

This document lists the location, purpose, capacity, volatility and (re)programmability of memory devices that may be installed on the Analog Discovery 2 (DPN: 500-415). 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
XC7S25	FPGA configuration	Yes	No	9,934,432b	Remove power for 60 seconds
	Block RAM signal data	Yes	No	1,620Kib	Remove power for 60 seconds
	Distributed RAM control registers	Yes	No	313Kib	Remove power for 60 seconds
FT232H, ADC3644, DAC5672, DAC70502, DAC70504,	USB, ADC, DAC registers	Yes	No		Remove power for 60 seconds

### Non-volatile memory

IC	Memory Purpose	Technology	User programmable	User removable	Size	Reset procedure
93LC56B	Calibration data, SN, IDs, Device Name	FLASH	Yes	No	2Kib	1. 2.

1. The user calibration can be erased under WaveForms application/ Settings/ Device Manager/ Calibrate/ Reset/ "Load factory" and press Apply.

2.The username can be changed under WaveForms application/ Settings/ Device Manager/ Rename enter a different name (default name is "Discovery3") and press Ok