

Analog Discovery Pro (ADP2230) Statement of Volatility

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This document applies to the Analog Discovery Pro (ADP2230) rev. C

This document lists the location, purpose, capacity, volatility and (re)programmability of memory devices that may be installed on the Analog Discovery Pro (ADP2230) (DPN: 410-417). 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
XC7S50	FPGA configuration	Yes	No	17,536,096 b	Remove power for 60 seconds
	Block RAM signal data	Yes	No	2,700 Kib	Remove power for 60 seconds
	Distributed RAM control registers	Yes	No	600 Kib	Remove power for 60 seconds
HD3SS3220, CYUSB301X, ADC3644, DAC5672, DAC70502, DAC70504, CDCE6214-Q1	USB, ADC, DAC, Clocking registers	Yes	No	varies	Remove power for 60 seconds
MT41K128M16[HA LY TW]-125, IS43TR16256A(L)-125KBL, IS43TR16256BL-107MBL, or V73CBG04168RDJ[J11 K13]	DDR3 Program / Data memory	Yes	No	4 Gib	Remove power for 60 seconds

Non-volatile memory

IC	Memory Purpose	Technology	User programmable	User removable	Size	Reset procedure
M24256	USB firmware, Calibration data, SN, Device Name	EEPROM	Yes	No	256 Kib	1. 2.
CDCE6214-Q1	Not used	EEPROM	No	No	varies	none

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 "ADP2230") and press Ok