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Statement of Volatility for Saleae logic analyzer products.

This document summarizes the volatile and non-volatile storage capabilities of the six Saleae logic analyzers currently sold by Saleae, Inc.

Saleae's 6 products share a similar architecture and each one has very limited non-volatile memory.

Each product contains 8KB or less EEPROM non-volatile memory for product identification. Four of the six products also contain a secure authentication chip which contains a small amount of non-volatile memory. Both EEPROM contents (standard and secure EEPROM) don't contain capture data and are not user accessible. In addition, both EEPROMs are programmed at the factory, and their contents are not edited in any way afterwards.

The other components do not contain any non-volatile memory. The other components include the Cypress FX2 and the Cypress FX3, as well as the Xilinx Spartan-3A FPGA and the Xilinx Spartan-6 FPGA. The volatile memory included in our Logic products is cleared each time the device is disconnected from USB.

Summary of non-volatile and volatile memory by product:

	Logic 1st Generation	Logic16 1st Generation	Logic 4 2nd Generation	Logic 8 2nd Generation	Logic Pro 8 2nd Generation	Logic Pro 16 2nd Generation
Standard EEPROM (non-volatile)	less than 1KB	1KB	1KB-8KB	1KB-8KB	1KB-8KB	1KB-8KB
Secure EEPROM (non-volatile)	N/A	N/A	less than 1KB	less than 1KB	less than 1KB	less than 1KB
RAM (volatile)	16KB – 584KB					

If additional information is required, please contact us. Kind Regards,

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