DELL Technologies

Statement of Volatility – Dell U4323QE

⚠ **CAUTION: A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.**

The Dell U4323QE contains both volatile and non-volatile (NV) components. Volatile components lose their data immediately after power is removed from the component. Non-volatile (NV) components continue to retain their data even after power is removed from the component. The following NV components are present on the U4323QE system board.

Table 1. List of Non-Volatile Components on System Board

Description	Reference Designator	Volatility Description	User Accessible for external data	Remedial Action (Action necessary to prevent loss of data)
Serial Flash ROM XM25QH64C HPQT08S SOP 8P	U301	Non-volatile Flash memory, 64M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.
EEPROM P24C256F-SSH-MIR SOP 8P	U302	Non-volatile memory, 256Kbit, To store Scaler data.	No	Part place on Interface Board, it has hardware/software write protected.
IC SDRAM DDR3L W632GU6QB-09 2GBIT BGA96P	U801, U802,U803,U804	Volatile memory 2Gbit (128M×16). To store video data stream and firmware code.	No	Part place on Interface Board.
EEPROM P24C02A-SSH-MIR SOP 8P	U1202/U1203	Non-volatile memory, 2k bit. To store HDMI EDID,	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM XM25QH80BJ IGT SOP 8P	U1308	Non-volatile Flash memory, 8M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.
Serial Flash ROM XM25QH40B JIGT SOP 8P 150MIL	U1909/U1912	Non-volatile Flash memory, 8M bit. To store firmware.	No	Part place on Interface Board, it has hardware/software write protected.

⚠ **CAUTION: All other components on the system board lose data if power is removed from the system. Primary power loss (unplugging the power cord and removing the battery) destroys all user data on the memory (DDR3, 1067 MHz). Secondary power loss (removing the on-board coin-cell battery) destroys system data on the system configuration and time-of-day information.**

September 2022