

Statement of Volatility – Dell P3223QE



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

The Dell P3223QE 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 P3223QE 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)
IC FLASH MX25L3233F M2J-08G SOP 8P	U303	Non-volatile Flash memory, 32 Mbit. To store firmware. Uniformity calibration data.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM GT24C32B-2GLI-TR SOIC 8P	U302	Non-volatile memory, 32 Kbit, To store Scaler data.	No	Part place on Interface Board, it has hardware/software write protected.
IC EEPROM M24C02-RMN6TP SO8 HF	U1201, U1202	Non-volatile memory, 2k bit. To store HDMI EDID.	No	Part place on Interface Board, it has hardware/software write protected.
IC FLASH MX25L8006E M1I-12G	U1303	Non-volatile Flash memory, 16M bit. To store PD controller firmware.	No	Part place on Interface Board, it has software write protected.
IC FLASH XM25QH20BJ IGT SOP 8P	U1903	Non-volatile Flash memory, 2M bit. To store HUB controller firmware.	No	Part place on Interface Board, it has 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 onboard coin-cell battery) destroys system data on the system configuration and time-of-day information.