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Subject: Statement of Volatility – Dell S718QL Projector

To whom it may concern:

The purpose of this document is to certify that the Dell Advanced Projector S718QL will not save, retain, or reproduce a signal to any internal or external component after power has been removed and reapplied to the unit.

The Dell Advanced Projector S718QL contains both volatile and non-volatile (NV) memory ICs. Volatile memory(s) lose their data immediately upon removal of power. Non-volatile memory ICs continue to retain their data even after the power has been removed. However, no input video data is written into these memory ICs during operation.

The list below contains volatile and non-volatile memory ICs used in Dell Advanced Projector S718QL.

System EEPROM	HT24LC32
Size	32K bit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	OSD setting: Yes
Purpose	Storage of system setting (OSD)
How is data input to this memory?	Control the OSD menu and change OSD setting (ex. Brightness, contrast, color settings) and the settings will be stored into the system EEPROM.
How is this memory write protected?	Software write protected

HDMI EDID EEPROM	HT24LC02
Size	2Kbit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	Storage of HDMI EDID
How is data input to this memory?	Writing EDID requires a customized EDID tool.
How is this memory write protected?	Hardware and software write protected

LAN EEPROM	HT24LC02
Size	2Kbit
Type [e.g. Flash PROM, EEPROM]	EEPROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	Yes, example: IP address, DHCP etc.,
Purpose	Storage of MAC address, network information ..
How is data input to this memory?	Writing MAC address requires a customized MAC software tool and an Ethernet cable.
How is this memory write protected?	Software write protected

Multimedia NAND FLASH	MT29F64G08CBABAWP:B
Size	64Gbit
Type [e.g. Flash PROM, EEPROM]	NAND FLASH
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	System software (contains Multimedia system BIOS and diagnostic program)

How is data input to this memory?	System software – Vendor-supplied file and loader program.
How is this memory write protected?	Software write protected

MST9U13Q1-1 SPI FLASH	MX25L3233FM2I-08G
Size	32Mbit
Type [e.g. Flash PROM, EEPROM]	SPI FLASH PROM
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	System software (contains system BIOS and diagnostic program)
How is data input to this memory?	System software – Vendor-supplied file and loader program *Driver software –Vendor program only*
How is this memory write protected?	Software write protected

Firmware Memory	MX29GL128FHT2I-90G
Size	128Mbit
Type [e.g. Flash PROM, EEPROM]	*Flash PROM*
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	*1) System software (contains system BIOS and diagnostic program)* *2) Customized Screen (contains projector's customized screen captured and served as default projector screen display/logo when there is no input signal.)* *3) Driver software (DLP data processor BIOS and test pattern)*
How is data input to this memory?	*1) System software – Vendor-supplied file and loader program.*

	2) *Customized Screen – User captures projector screen display during normal usage.* 3) *Driver software –Vendor program only.*
How is this memory write protected?	Software write protected

Multimedia eMMC FLASH	MTFC4GACAJCN-1M
Size	4GB
Type [e.g. Flash PROM, EEPROM]	eMMC FLASH
Volatility	Non-volatile
Can user programs or operating system write data to it during normal operation?	No
Purpose	System software (contains Multimedia system BIOS and diagnostic program)
How is data input to this memory?	System software – Vendor-supplied file and loader program *Driver software –Vendor program only*
How is this memory write protected?	Software write protected

Please direct any questions to your Dell Marketing contact.

Sincerely,

Dell Marketing