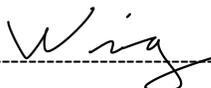# Statement of Volatility for HPM-ERSUAA-A1R Product

The HPM-ERSUAA-A1R product contains non-volatile components only. Non-volatile components continue to retain their data even after power has been removed from the component. Volatile components lose their data immediately upon removal of power from the component.

Non-Volatile Components

Contain non-volatile memory (Memory whose contents are retained when power is removed)

Type/ Function	Size	Location	User Data	Removable	Function	Procedure to Clear
RTC CMOS – SRAM	256 Bytes	U7	No	No	Contains Date and time and store system data	Clear CMOS
BIOS EEPROM	64 MB	U27	No	No	Contains BIOS and DMI data	User program to erase thru SPI Interface
BMC EEPROM	64 MB	U39	No	No	Contains BMC data	User program to erase thru SPI Interface
BMC EMMC	8 GB	U103	No	No	Contains BMC data	User program to erase thru BMC
BMC SDRAM	512 MB	U38	No	No	Contains BMC FW	User programmer to erase
FRUID EEPROM	64 KB	U44	No	No	Contains ID data	User program to erase thru I2C Interface
Trust Platform Module	Refer to Nuvoton Technology Corporation or Infineon Technologies AG datasheet	U25	No	No	Secure hardware through integrated cryptographic keys	User program to erase
CPLD RAM	84 KB	U53	No	No	Contains Boot data	User program to erase thru JTAG Interface
LAN EEPROM	1 MB	U19	No	No	Contains LAN configuration data	User programmer to erase
LAN EEPROM	1 MB	U21	No	No	Contains LAN configuration data	User programmer to erase
LAN EEPROM	4 MB	U24	No	No	Contains LAN configuration data	User programmer to erase
OTP EEPROM	4 KB	U70	No	No	Contains PMIC configuration data	N/A
OTP EEPROM	4 KB	U79	No	No	Contains PMIC configuration data	N/A
OTP EEPROM	25 KB	U84	No	No	Contains PMIC configuration data	N/A

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