



Statement of Volatility for HPM-GNRDEA-A1R Product

The HPM-GNRDEA-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 | 128 Bytes | U69 | No | No | Contains Date and time and store system data | Clear CMOS |
| BIOS EEPROM | 64 MB | U62 | No | No | Contains BIOS and DMI data | User program to erase thru SPI Interface |
| BMC EEPROM | 64 MB | U108 | No | No | Contains BMC data | User program to erase thru SPI Interface |
| BMC SDRAM | 512 MB | U100 | No | No | Contains BMC FW | User programmer to erase |
| FRUID EEPROM | 64 KB | U114 | 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 | U61 | No | No | Secure hardware through integrated cryptographic keys | User program to erase |
| CPLD RAM | 84 KB | U114 | No | No | Contains Boot data | User program to erase thru JTAG Interface |
| LAN EEPROM | 1 MB | U51 and U53 | No | No | Contains LAN configuration data | User programmer to erase |
| LAN EEPROM | 16 MB | U208 | No | No | Contains LAN configuration data | User programmer to erase |
| OTP EEPROM | 4 KB | U139 and U159 | No | No | Contains PMIC configuration data | N/A |
| OTP EEPROM | 4 KB | U148, U153, U156, U168, U173 and U176 | No | No | Contains PMIC configuration data | N/A |

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