



Statement of Volatility – DCM4623

The DCM4623 contains both volatile and non-volatile memory. Volatile components lose their data immediately after power is removed from the component. Non-volatile components continue to retain their data even after the power is removed from the component. The memory is not user modifiable nor accessible.

Memory Size	Memory Type	Volatile/Non-Volatile	User Modifiable	User Accessible
16/32K bytes	FLASH	Non_Volatile	No	No
4/8K bytes	RAM	Volatile	No	No
2/4K bytes	EEPROM	Non-Volatile	No	No

FLASH

Function:

Microcontroller FLASH memory is used for storing and running the device's specific program and configuration.

Clearing Process:

There is no clearing process procedure for this memory.

RAM

Function:

Microcontroller RAM memory is used by the preloaded FLASH program on the device, i.e. the operating memory.

Clearing Process:

The content of the RAM is volatile that is lost upon loss of power to the device.

EEPROM

Function:

Microcontroller non-volatile EEPROM holds the calibration, device specific information and configuration.

Clearing Process:

There is no clearing process procedure for this memory.