Volatile memory types:

RAM

- SRAM:is faster than DRAM and more expensive and it use more power consumption.
- DRAM: slower than SRAM and need to refresh periodically and lower in price than SRAM

NON-Volatile memory types:

ROM:

- The data written in ROM during the manufacturing, and it also called READ Only memory.

PROM [Programmable ROM]:

- Allows data to written on it for only once, then becoming read only.

EPROM [Erasable Programmable memory]:

- Allows data to written on its multiple times by using ultraviolet light.

EEPROM (Electrically programmable memory]:

- Allows data to written on its multiple times by bytes and it the most common.

Flash

- Allows data to written on it multiple times and store codes and firmware update and written by page.