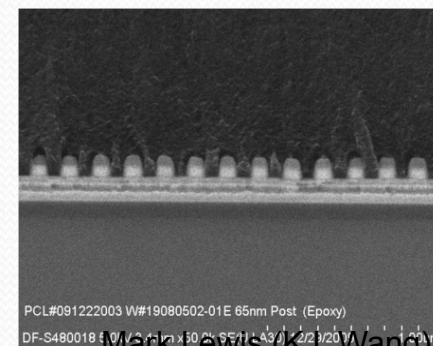
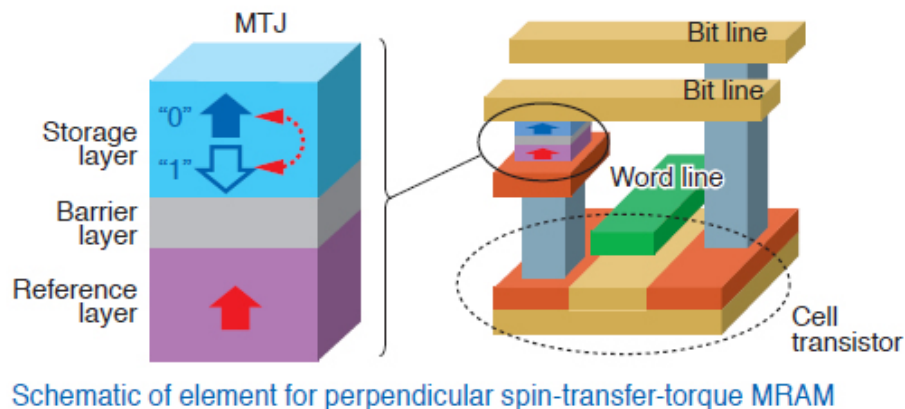


# Non-Volatile Computers for low power consumption

- Objective : To enable nonvolatile computing using Spin Transfer Torque Random Access Memory (STT-RAM)
  - STT-RAM is a Non-volatile memory, needing no power to retain it's state
    - This results in significantly lower energy consumption
  - Reduction of Critical Current Density required for a write can further reduce the Power consumption
- No Booting!
- Computers mostly idle (>98%)
- No Static dissipation
- Green



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