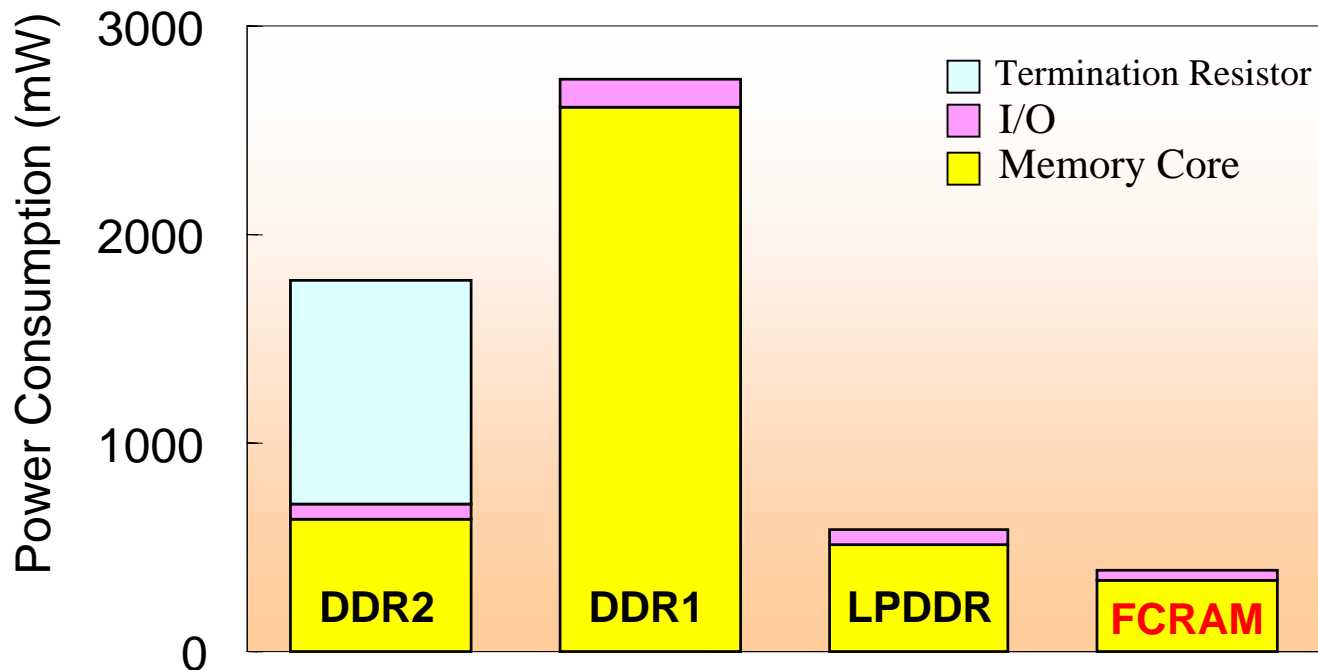


■ Power Consumption: FCRAM vs. Equivalent Memories (example)

Conditions: 256M-bit, BL=8, R:W=1:1, 4-bank interleave, 2.6GByte/s

- DDR2: 2pcs, x16, 667Mbps, CL=12pF, ODT=50ohm
- DDR1: 2pcs, x32, 333Mbps, CL=12pF
- LPDDR: 2pcs, x32, 333Mbps, CL=12pF
- FCRAM: 1pc, x64, 333Mbps, CL=8pF (SiP)



■ Power Consumption: FCRAM vs. DDR2 SRAM (example)

Conditions: 256M-bit, BL=8, R:W=1:1, 4-bank interleave, 3.2GByte/s

- DDR2: 2pcs, x16, 800Mbps, CL=12pF, ODT=50ohm
- FCRAM: 1pc, x64, 400Mbps, CL=8pF (SiP)

