TABLE 2 SIMPLIFIED MEMORY-POWER SPREADSHEET

Memory	Word count	Bit width	Memory-instance count	Column multiplexer	Read activity (%)	Write activity (%)	Frequency (Hz)	Per-memory dynamic power (mW)	Per-memory static power (mW)	Dynamic power (mW)	Static power (mW)
One read/one write, high threshold voltage	7744	12	15	Eight	0.25	0.25	80	0.775	0.0034	11.64	0.051
One read/one write, low threshold voltage	4384	72	Two	Eight	0.25	0.25	270	9	0.025	18	0.050
One read/one write, high threshold voltage	5760	64	One	Eight	0.25	0.25	135	4.25	0.009	4.25	0.009
One read/one write, high threshold voltage	14,528	12	Two	16	0.25	0.25	80	0.925	0.005	1.85	0.010
Total										35.74	0.12