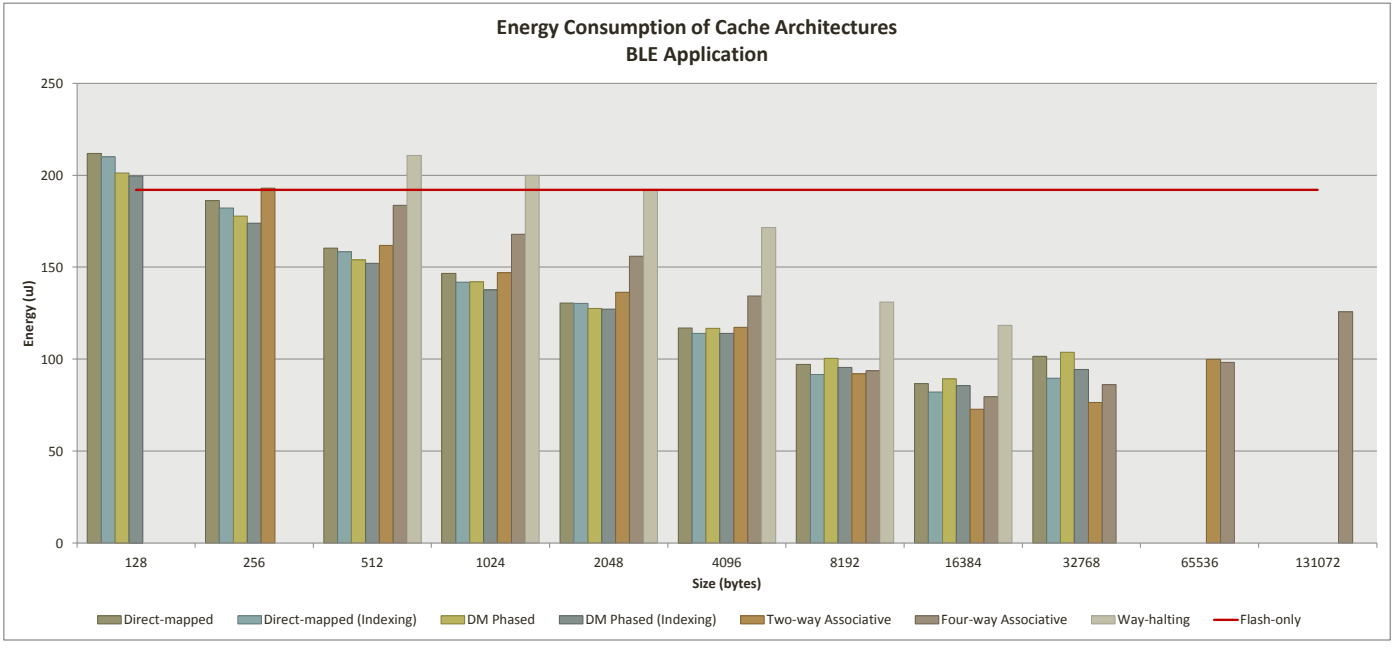
Energy Consumption of Cache Architectures
BLE Application
Energy (uJ)
250
200
150
100
50
0
128
256
512
1024
2048
4096
8192
16384
32768
65536
131072
Size (bytes)
Direct-mapped
Direct-mapped (Indexing)
DM Phased
DM Phased (Indexing)
Two-way Associative
Four-way Associative
Way-halting
Flash-only