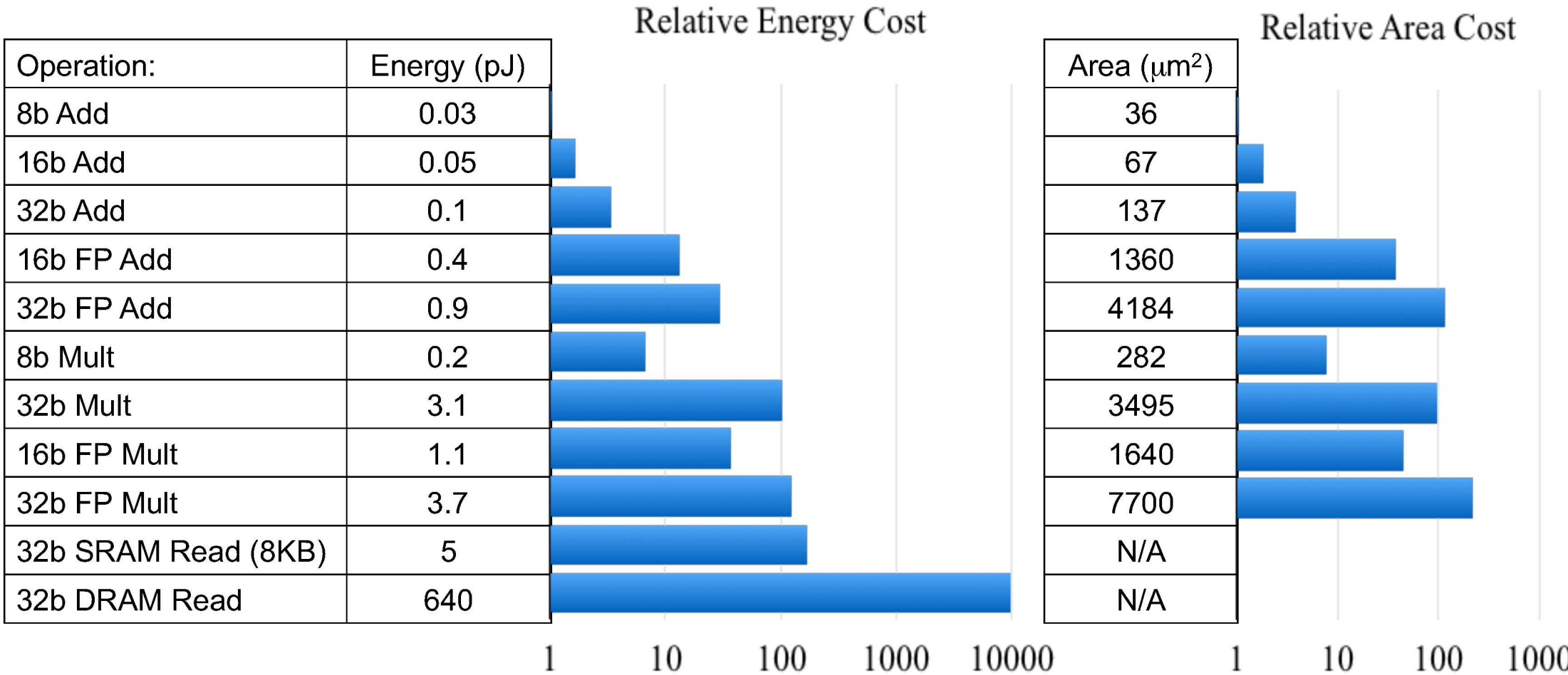


# Cost of Operations



Energy numbers are from Mark Horowitz “Computing’s Energy Problem (and what we can do about it)”, ISSCC 2014  
Area numbers are from synthesized result using Design Compiler under TSMC 45nm tech node. FP units used DesignWare Library.