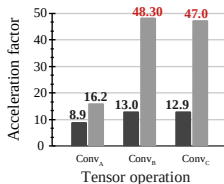


Final Benchmarking Insights: Accelerators vs. CPU in Performance and Power Efficiency

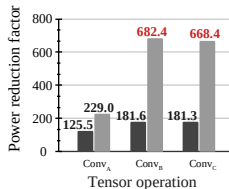
■ Floating-Point
■ Hybrid-Float6

Smallest CNN floating-point accelerator in the literature

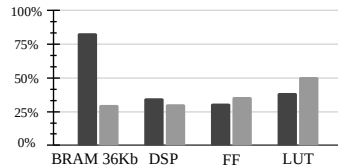
Acceleration vs. CPU



Power reduction vs. CPU



Hardware resource utilization.



Estimated power dissipation on the Zynq-7007S AP SoC with PS at 666 MHz and PL at 200 MHz

