Jesse Anzelc

Thomas Turner

5/12/14

EEC 180B

Lab 5 Report

The 16-bit radix-4 multiplier consumed more power than its 8-bit counterpart. 149.52 mW versus 136.14 mW total thermal power dissipation.

The 16-bit radix-4 multiplier consumed more power than the 16-bit radix-2 multiplier. 149.52 mW versus 143.32 mW. This may have been a result of the radix-4 implementation including more wires than the radix-2 implementation.