

VLSI Report

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Topic: 4 BIT MULTIPLIER

Leakage power:

Leakage Power is the power which is dissipated when the inputs are constant and not toggling .

Hence we made the inputs constant and then we found the current coming out from power supply and then multiplied it with the Vdd.

maximum leakage power: $3.650903e^{-05}$ watt
at 1110 and 0010

Delays:

maximum delay : $2.20415e^{-11}$ s
at 1111 and 1110