Parameter	8-bit		16-bit	
	Silicon	Carbon	Silicon	Carbon
Total power dissipation (watts)	85.1609μ	33.728n	132.9407μ	61.7694n
Average power consumption (watts)	14.42E-05	2.615E-05	28.147E-05	5.665E-05
Propagation Delay (s)	155.61p	132.74f	195.02p	385.05f
Power delay product(J)	22.438E-15	3.471E-18	54.89E-15	21.81E-18