

16-bit adders

Type	Adder Name	Total Power (W)	Delay (ns)	Power delay product	Slice logic	LUT logic	Dynamic power	Static power
Conventional Adders	BJA	11.178	7.787	87.0430	8	26	11.019W	0.158W
	KSA	11.326	7.569	85.7264	14	44	11.326W	0.164W
	LING	9.751	9.858	96.1253	8	29	9.616W	0.135W
	SKSA	11.066	9.990	110.5493 4	7	17	10.910W	0.156W
Hybrid Adders	LING+BJA	7.236	9.710	70.2615	9	30	7.131W	0.105W
	LING+KSA	7.323W	9.472	69.3634	12	38	7.217W	0.106W
	BJA+SKSA	7.31W	9.797	71.61607	12	36	7.204W	0.106W
	LING+SKS A (Proposed)	7.236W	9.710	70.1892	9	30	7.131W	0.105W