Vivado		bfloat16	bfloat16_maksless	tf32	tf32-maskless	posit	posit-maskless	half	half-maskless	single	single-maskless
	Power_Vivado(mW)	108	100	96	92	98	92	92	90	148	110
	time period(100us)	110	130	134	124	280	300	70	70	170	18
	Slice LUTS	1362	1197	1515	1292	2321	2086	1278	1101	2714	1851
	Slice Registers	1924	1906	2002	1994	2006	2006	1926	1888	1977	1953
	Slice	678	633	743	681	947	852	634	599	1054	783
Asic		bfloat16	bfloat16_maksless	tf32	tf32-maskless	posit	posit-maskless	half	half-maskless	single	single-maskless
	Power_Asic(uW)	168	67.7	200	110	4320	3210	238	107	1690	1256
	area(um^2)	5377.6576	3213.0816	6665.1424	4555.6192	16648.4672	14645.296	7875.0528	5554.0768	27427.5552	23457.123