

Parameter	Zhang	Mohanty	Darji	Yusong	Proposed
Multipliers	10	9P	10	10P	0
Adders	16	16P	16	16P	34P
Internal Memory	4N+37	15P+5.5N	4N	24P+3N	60P+3N
Critical path	T_m	$T_m + 2T_a$	T_m	$T_m + T_a$	T_a
Computation Time	$N^2/2$	$N^2/2P$	$N^2/2$	$N^2/2P$	$N^2/2P$
Throughput	$2/T_m$	$2P/T_m + 2T_a$	$2/T_m$	$2P/T_m + T_a$	$2P/T_a$