Wallace Multiplier 4 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis	17	1.928ns	4.282W	1/9 ns-1
	Implementation	20	0.211ns	4.267W	
2	Synthesis	17	2.928ns	4.282W	1/10 ns-1
	Implementation	18	0.845ns	4.248W	
3	Synthesis	17	3.928ns	4.282W	1/11 ns-1
	Implementation	17	1.736ns	4.242W	
4	Synthesis	17	4.928ns	4.282W	1/12 ns-1
	Implementation	17	2.833ns	4.242W	
5	Synthesis	17	5.928ns	4.282W	1/13 ns-1
	Implementation	17	3.565ns	4.240W	

Vedic Multiplier 4 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis	22	2.745ns	3.759W	1/9 ns-1
	Implementation	22	0.846ns	3.868W	
2	Synthesis	22	3.745ns	3.759W	1/10 ns-1
	Implementation	22	1.853ns	3.851W	
3	Synthesis	22	4.745ns	3.759W	1/11 ns-1
	Implementation	22	2.962ns	3.851W	
4	Synthesis	22	5.754ns	3.759W	1/12 ns-1
	Implementation	22	3.682ns	3.85W	
5	Synthesis	22	6.754ns	3.759W	1/13 ns-1
	Implementation	22	4.870ns	3.847W	

Booth Multiplier 4 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis	13	0.071ns	0.116W	1/3 ns-1
	Implementation	13	0.630ns	0.115W	
2	Synthesis	13	1.071ns	0.113W	1/4 ns-1
	Implementation	13	1.463ns	0.112W	
3	Synthesis	13	2.071ns	0.111W	1/5 ns-1
	Implementation	13	2.376ns	0.111W	
4	Synthesis	13	3.071ns	0.110W	1/6 ns-1
	Implementation	13	3.194ns	0.110W	
5	Synthesis	13	4.071ns	0.109W	1/7 ns-1
	Implementation	13	4.194ns	0.109W	

Wallace Multiplier 8 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis	94	3.929ns	14.926W	1/14 ns-1
1	Implementation	94	0.859ns	14.887W	1/14 ns-1
2	Synthesis	94	4.929ns	14.926W	1/15 ns-1
2	Implementation	93	2.083ns	14.846W	1/15 ns-1
3	Synthesis	94	5.929ns	14.926W	1/16 ns-1
3	Implementation	93	2.817ns	14.856W	1/16 ns-1
4	Synthesis	94	6.929ns	14.926W	1/17 ns-1
4	Implementation	93	3.674ns	14.73W	1/17 ns-1
5	Synthesis	94	7.929ns	14.926W	1/18 ns-1
5	Implementation	93	4.650ns	14.678W	1/18 ns-1

Vedic Multiplier 8 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis	106	3.311ns	15.137W	1/15 ns-1
1	Implementation	107	0.900ns	14.941W	1/15 ns-1
2	Synthesis	106	4.311ns	15.137W	1/16 ns-1
2	Implementation	106	1.356ns	14.944W	1/16 ns-1
3	Synthesis	106	5.311ns	15.137W	1/17 ns-1
3	Implementation	106	2.377ns	14.872W	1/17 ns-1
4	Synthesis	106	6.311ns	15.137W	1/18 ns-1
4	Implementation	106	3.482ns	14.923W	1/18 ns-1
5	Synthesis	106	7.311ns	15.137W	1/19 ns-1
5	Implementation	106	4.230ns	14.876W	1/19 ns-1

Booth Multiplier 8 Bit

S.No.	Syn/Imp	#LUTs	Slack	Power	Frequency
1	Synthesis				
1	Implementation				
2	Synthesis				
2	Implementation				
3	Synthesis				
3	Implementation				
4	Synthesis				
4	Implementation				
5	Synthesis				
5	Implementation				