Matrix mul	3x3				5x5				8x8				16x16			
c	27	9	1	1^{KSMB}	125	25	1	1^{KSMB}	512	64	1	1^{KSMB}	4096	256	1	1^{KSMB}
Total gates	3,227	9,681	91,305	9.3E+04	3,227	16,135	425,775	4.3E+05	3,227	25,816	-	1.8E+06	3,227	51,632	-	1.4E+07
Non-XOR	961	2,883	27,369	2.7E+04	961	4,805	127,225	1.3E+05	961	7,688	-	5.2E+05	961	15,376	-	4.2E+06
CS (B)	7.7E+04	2.3E+05	2.2E+06	2.2E+06	7.7E+04	3.9E+05	1.0E+07	1.0E+07	7.7E+04	6.2E+05	-	4.3E+07	7.7E+04	1.2E+06	-	3.4E+08
PFC	1.0E+05	1.0E+05	1.1E+05	1.1E+05	4.8E+05	4.8E+05	5.1E+05	5.1E+05	2.0E+06	2.0E+06	-	2.1E+06	1.6E+07	1.6E+07	-	1.7E+07
CSE	28.3	9.4	1.0	-	131.9	26.4	1.0	-	-	-	-	-	-	-	-	-
PFD	-5%	-5%	0%	-	-6%	-6%	0%	-	-	-	-	-	-	-	-	-
CSE^{KSMB}	28.8	9.6	1.0	1.0	134.3	26.9	5.4	1.0	552.4	69.1	-	1.0	4434.1	277.1	-	1.0
PFD^{KSMB}	-5%	-5%	0%	0%	-6%	-6%	-6%	0%	-6%	-6%	-	0%	-6%	-6%	-	0%