

for large Mp, before the mod Mp takes effect:

suppose $M_p = 2^{13} - 1 = 8191$

I	Si LL	Si LL	Si L-L-Reix	LLReix/LL10	LL4/LL10
0	4	10	5	2	0.4
1	14	98	49	2	0.142857143
2	194	9602	4801	2	0.020204124
mod Mp	194	1411	4801	0.293897105	0.137491141
3	37634	1990919	46099201	0.043187712	0.018902828
mod Mp	4870	506	253	2	9.624505929
4	23716898	256034	128017	2	92.63183015
mod Mp	3953	2113	5152	0.410131988	1.870799811
5	15626207	4464767	53086207	0.084104088	3.499893052
mod Mp	5970	672	336	2	8.883928571
6	35640898	451582	225791	2	78.92453198
mod Mp	1857	1077	4634	0.232412603	1.724233983
7	3448447	1159927	42947911	0.027007763	2.972986231
mod Mp	36	4996	2498	2	0.007205765
8	1294	24960014	12480007	2	5.1843E-005
mod Mp	1294	2037	5114	0.398318342	0.635247914
9	1674434	4149367	52305991	0.079328714	0.403539624
mod Mp	3470	4721	6456	0.731257745	0.735013768
10	12040898	22287839	83359871	0.267368924	0.540245198
mod Mp	128	128	64	2	1
11	16382	16382	8191	2	1
mod Mp	0	0	0	#DIV/0!	#DIV/0!

for large Mp, before the mod Mp takes effect:

suppose $M_p = 2^{17} - 1 = 131071$

I	Si LL	Si LL	Si L-L-Reix	LLReix/LL10	LL4/LL10
0	4	10	5	2	0.4
1	14	98	49	2	0.142857143
2	194	9602	4801	2	0.020204124
3	37634	92198402	46099201	2	0.000408185
mod Mp	37634	55489	93280	0.594864923	0.678224513
4	1416317954	3079029119	17402316799	0.176932138	0.45998849
mod Mp	95799	40258	20129	2	2.37962641
5	9177448399	1620706562	810353281	2	5.662621855
mod Mp	119121	13647	72359	0.18860128	8.728731589
6	14189812639	186240607	10471649761	0.017785221	76.19075597
mod Mp	66179	119787	125429	0.955018377	0.552472305
7	4379660039	14348925367	31464868081	0.45603005	0.305225648
mod Mp	53645	58713	94892	0.618734983	0.913681808
8	2877786023	3447216367	18008983327	0.191416489	0.834814446
mod Mp	122218	49067	90069	0.544771231	2.490839057
9	14937239522	2407570487	16224849521	0.148387847	6.204279211
mod Mp	126220	58359	94715	0.616153724	2.162819788
10	15931488398	3405772879	17941862449	0.189822706	4.677789437
mod Mp	70490	24015	77543	0.309699135	2.935248803
11	4968840098	576720223	12025833697	0.047956777	8.615685561
mod Mp	69559	7823	69447	0.112647055	8.891601687
12	4838454479	61199327	9645771617	0.006344679	79.06058312
mod Mp	99585	120241	125656	0.956906156	0.828211675
13	9917172223	14457898079	31578860671	0.457834696	0.685934578
mod Mp	78221	111424	55712	2	0.702012134
14	6118524839	12415307774	6207653887	2	0.492821036
mod Mp	130559	512	256	2	254.9980469
15	17045652479	262142	131071	2	65024.5
mod Mp	0	0	0	#DIV/0!	#DIV/0!

for large Mp, before the mod Mp takes effect:

suppose $M_p = 2^{19} - 1 = 524287$

I	Si LL	Si LL	Si L-L-Reix	LLReix/LL10	LL4/LL10
0	4	10	5	2	0.4
1	14	98	49	2	0.142857143
2	194	9602	4801	2	0.020204124
3	37634	92198402	46099201	2	0.000408185
mod Mp	37634	448177	486232	0.921734892	0.083971288
4	1416317954	200862623327	472843115647	0.424797606	0.007051177
mod Mp	218767	409322	204661	2	0.534461866
5	47859000287	167544499682	83772249841	2	0.285649486
mod Mp	510066	200240	100120	2	2.547273272
6	260167324354	40096057598	20048028799	2	6.488601123
mod Mp	386344	160699	342493	0.46920375	2.404146883
7	149261686334	25824168599	234602910097	0.11007608	5.779922237
mod Mp	323156	412414	206207	2	0.783571848
8	104429800334	170085307394	85042653697	2	0.613984841
mod Mp	218526	313150	156575	2	0.69783171
9	47753612674	98062922498	49031461249	2	0.486969096
mod Mp	504140	282018	141009	2	1.787616393
10	254157139598	79534152322	39767076161	2	3.19557237
mod Mp	103469	338709	431498	0.784960765	0.305480516
11	10705833959	114723786679	372381048007	0.308081701	0.093318345
mod Mp	417706	353913	439100	0.805996356	1.180250514
12	174478302434	125254411567	385617619999	0.324815063	1.392991275
mod Mp	307417	150119	337203	0.445188803	2.047822061
13	94505211887	22535714159	227411726417	0.099096535	4.193575194
mod Mp	382989	286038	143019	2	1.338944476
14	146680574119	81817737442	40908868721	2	1.79277231
mod Mp	275842	129657	326972	0.396538542	2.127474799
15	76088808962	16810937647	213821377567	0.078621407	4.52614902
mod Mp	85226	199279	361783	0.550824666	0.427671757
16	7263471074	39712119839	261773878177	0.151703906	0.182903131
mod Mp	523263	1024	512	2	510.9990234
17	273804167167	1048574	524287	2	261120.5
mod Mp	0	0	0	#DIV/0!	#DIV/0!