Nfin_P	Nfin_N	Wp/Wn (Lp=Ln=7n)	v_th (mV)	Id_max (uA)	Av_max	vil (mV)	vih (mV)	vol (mV)	voh (mV)	NML (mV)	NMH (mV)	Gm_max (mS)	t_rise (ps)	t_fall (ps)	t_slew (ps)	f_slew (GHz)	tpHL (ps)	tpLH (ps)	t_pd (ps)	f_pd (GHz)	Id_peak_transient (uA)	energy_per_cycle (fJ)	avg_power (uW)
7	7	1.000	344.8	113	6.428	245.9	427.8	77.44	623.7	168.4	195.9	0.6179	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	150.5	0.5866	9.776
7	8	0.875	335.5	121.3	6.439	232.2	414.9	78.26	626.9	153.9	212	0.6428	1.814	1.842	3.656	273.5	0.432	0.9623	0.6971	717.2	160	0.625	10.42
7	9	0.778	327.4	128.7	6.46	220.4	403.6	78.63	630	141.7	226.4	0.6639	1.872	1.788	3.659	273.3	0.3076	1.109	0.7081	706.1	167.7	0.6602	11
7	10	0.700	320.2	135.4	6.487	210.1	393.6	78.67	632.9	131.4	239.3	0.6821	1.962	1.784	3.746	266.9	0.184	1.23	0.707	707.2	174.2	0.6927	11.54
7	11	0.636	313.7	141.6	6.518	201.1	384.6	78.48	635.5	122.6	250.9	0.6979	1.997	1.773	3.77	265.3	0.05024	1.338	0.694	720.5	179.7	0.7232	12.05
7	12	0.583	307.8	147.2	6.554	193.2	376.5	78.12	637.9	115.1	261.3	0.7117	1.99	1.819	3.809	262.6	-0.0675	1.438	0.6852	729.7	184.4	0.7521	12.54
7	13	0.538	302.4	152.4	6.592	186.3	369.2	77.64	639.9	108.6	270.7	0.7239	1.948	1.855	3.803	263	-0.164	1.534	0.6852	729.7	188.5	0.7795	12.99
7	14	0.500	297.5	157.2	6.63	180.1	362.5	77.07	641.8	103	279.2	0.7347	1.877	1.871	3.748	266.8	-0.244	1.628	0.6923	722.2	191.9	0.8056	13.43
7	15	0.467	292.9	161.7	6.671	174.6	356.4	76.44	643.4	98.16	287	0.7444	1.78	1.869	3.65	274	-0.312	1.721	0.7048	709.4	194.9	0.8303	13.84
7	16	0.438	288.7	165.9	6.711	169.6	350.7	75.76	644.8	93.88	294.1	0.7532	1.78	1.853	3.633	275.2	-0.37	1.813	0.7216	692.9	197.3	0.8537	14.23
7	17	0.412	284.8	169.8	6.751	165.2	345.5	75.06	646	90.09	300.5	0.7611	1.781	1.825	3.606	277.3	-0.421	1.903	0.741	674.7	202.8	0.8758	14.6
7	18	0.389	281.1	173.5	6.791	161.1	340.6	74.35	647.1	86.72	306.5	0.7683	1.782	1.787	3.569	280.2	-0.467	1.982	0.7576	660	208.4	0.8968	14.95
7	19	0.368	277.7	176.9	6.832	157.3	336.1	73.62	648.1	83.7	312	0.7749	1.784	1.741	3.524	283.7	-0.507	2.051	0.7717	648	213.4	0.9167	15.28
7	20	0.350	274.5	180.2	6.871	153.9	331.9	72.9	649	80.99	317.1	0.7809	1.844	1.688	3.532	283.1	-0.545	2.113	0.7839	637.9	217.8	0.9357	15.59
7	21	0.333	271.5	183.2	6.91	150.7	327.9	72.18	649.8	78.53	321.9	0.7864	1.894	1.66	3.555	281.3	-0.58	2.17	0.7948	629.1	221.9	0.9538	15.9
8	7	1.143	354	120	6.429	259.6	440.7	76.21	621.1	183.4	180.3	0.6767	1.926	1.938	3.865	258.7	0.7126	0.6046	0.6586	759.2	160.1	0.6272	10.45
8	8	1.000	344.8	129.2	6.428	245.9	427.8	77.44	623.7	168.4	195.9	0.7062	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	172	0.6704	11.17
8	9	0.889	336.6	137.5	6.437	233.8	416.4	78.18	626.5	155.6	210.1	0.7314	1.813	1.857	3.671	272.4	0.448	0.9414	0.6947	719.7	181.6	0.7091	11.82
8	10	0.800	329.3	145	6.454	223.2	406.3	78.57	629.2	144.6	222.9	0.7531	1.837	1.787	3.625	275.9	0.3383	1.075	0.7066	707.6	189.7	0.7448	12.41
8	11	0.727	322.8	152	6.477	213.8	397.2	78.69	631.8	135.1	234.6	0.7721	1.936	1.786	3.722	268.7	0.2307	1.187	0.7086	705.6	196.5	0.778	12.97
8	12	0.667	316.8	158.4	6.503	205.4	389	78.61	634.2	126.8	245.3	0.7889	1.985	1.779	3.764	265.6	0.1198	1.285	0.7024	711.8	202.4	0.8093	13.49
8	13	0.615	311.4	164.3	6.532	198	381.5	78.37	636.4	119.7	254.9	0.8037	1.998	1.785	3.784	264.3	0.003071	1.376	0.6895	725.2	207.5	0.8391	13.99
8	14	0.571	306.4	169.8	6.564	191.4	374.6	78.01	638.4	113.4	263.8	0.817	1.982	1.83	3.812	262.3	-0.0933	1.462	0.6845	730.4	212	0.8676	14.46
8	15	0.533	301.7	174.9	6.597	185.5	368.3	77.57	640.2	107.9	271.8	0.8289	1.941	1.858	3.799	263.3	-0.174	1.546	0.6858	729.1	215.9	0.8947	14.91
8	16	0.500	297.5	179.7	6.63	180.1	362.5	77.07	641.8	103	279.2	0.8397	1.877	1.871	3.748	266.8	-0.244	1.628	0.6923	722.2	219.3	0.9207	15.34
8	17	0.471	293.5	184.2	6.665	175.3	357.1	76.52	643.2	98.74	286.1	0.8494	1.793	1.87	3.663	273	-0.304	1.709	0.7025	711.8	222.3	0.9454	15.76
8	18	0.444	289.7	188.4	6.7	170.8	352.1	75.94	644.4	94.9	292.3	0.8584	1.78	1.858	3.639	274.8	-0.356	1.79	0.717	697.3	224.9	0.9691	16.15
8	19	0.421	286.2	192.4	6.736	166.8	347.4	75.33	645.6	91.46	298.2	0.8665	1.781	1.837	3.618	276.4	-0.403	1.871	0.7339	681.3	229.1	0.9916	16.53
8	20	0.400	282.9	196.2	6.771	163.1	343	74.71	646.6	88.36	303.6	0.874	1.782	1.807	3.589	278.7	-0.445	1.944	0.7497	666.9	235	1.013	16.88
8	21	0.381	279.8	199.8	6.807	159.6	338.9	74.08	647.5	85.55	308.6	0.8809	1.783	1.77	3.553	281.4	-0.482	2.009	0.7631	655.2	240.4	1.034	17.23
9	7	1.286	362.1	126.2	6.44	271.6	452.1	74.82	619.3	196.8	167.2	0.7313	1.997	1.877	3.874	258.1	0.8572	0.4705	0.6639	753.2	167.3	0.6634	11.06
9	8	1.125	352.9	136.2	6.428	258	439.2	76.38	621.4	181.6	182.1	0.7652	1.913	1.942	3.854	259.4	0.6947	0.6235	0.6591	758.6	181.7	0.7113	11.85
9	9	1.000	344.8	145.3	6.428	245.9	427.8	77.44	623.7	168.4	195.9	0.7944	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	193.5	0.7542	12.57
9	10	0.900	337.5	153.7	6.436	235.1	417.6	78.12	626.2	156.9	208.6	0.8198	1.813	1.869	3.682	271.6	0.4607	0.9246	0.6926	721.9	203.2	0.7931	13.22
9	11	0.818	330.9	161.3	6.449	225.4	408.5	78.51	628.6	146.9	220.2	0.8421	1.816	1.787	3.603	277.5	0.3623	1.048	0.7049	709.3	211.5	0.8292	13.82
9	12	0.750	324.9	168.4	6.468	216.8	400.1	78.68	631	138.1	230.9	0.8618	1.909	1.787	3.697	270.5	0.2667	1.151	0.7089	705.3	218.6	0.863	14.38
9	13	0.692	319.4	175	6.49	209	392.5	78.66	633.2	130.4	240.7	0.8794	1.968	1.783	3.751	266.6	0.17	1.242	0.7063	708	224.8	0.8951	14.92
9	14	0.643	314.3	181.2	6.516	202.1	385.6	78.51	635.2	123.5	249.7	0.8951	1.995	1.775	3.77	265.3	0.06501	1.326	0.6956	718.8	230.3	0.9256	15.43
9	15	0.600	309.7	186.9	6.542	195.7	379.1	78.26	637.1	117.5	258	0.9093	1.996	1.802	3.798	263.3	-0.031	1.405	0.687	727.8	235.2	0.9549	15.91
9	16	0.563	305.3	192.3	6.571	190	373.2	77.92	638.8	112.1	265.6	0.9222	1.975	1.838	3.813	262.3	-0.113	1.481	0.6843	730.6	239.5	0.9829	16.38
9	17	0.529	301.3	197.4	6.6	184.9	367.7	77.52	640.4	107.3	272.7	0.9339	1.935	1.86	3.795	263.5	-0.183	1.555	0.6863	728.5	243.4	1.01	16.83
9	18	0.500	297.5	202.1	6.63	180.1	362.5	77.07	641.8	103	279.2	0.9446	1.877	1.871	3.748	266.8	-0.244	1.628	0.6923	722.2	246.8	1.036	17.26
9	19	0.474	293.9	206.7	6.662	175.8	357.7	76.58	643	99.19	285.3	0.9545	1.803	1.871	3.674	272.2	-0.297	1.7	0.7012	713.1	249.7	1.061	17.68
9	20	0.450	290.5	210.9	6.693	171.8	353.2	76.07	644.2	95.72	291	0.9635	1.78	1.862	3.642	274.6	-0.345	1.772	0.7137	700.6	252.4	1.084	18.07
9	21	0.429	287.4	215	6.725	168.1	348.9	75.53	645.2	92.56	296.3	0.9719	1.781	1.845	3.626	275.8	-0.388	1.844	0.728	686.8	255.4	1.107	18.45
10	7	1.429	369.3	131.8	6.456	282.3	462.1	73.37	618.1	208.9	156	0.7821	2.01	1.77	3.78	264.5	1.006	0.3591	0.6827	732.4	179.1	0.6961	11.6
10	8	1.250	360.2	142.6	6.437	268.8	449.4	75.18	619.6	193.6	170.3	0.8205	1.985	1.897	3.882	257.6	0.8208	0.5011	0.6609	756.5	189.4	0.7483	12.47
10	9	1.111	352.1	152.4	6.427	256.7	438	76.5	621.6	180.2	183.6	0.8537	1.901	1.945	3.846	260	0.6804	0.6386	0.6595	758.2	203.4	0.7953	13.25
10	10	1.000	344.8	161.5	6.428	245.9	427.8	77.44	623.7	168.4	195.9	0.8827	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	215	0.838	13.97
10	11	0.909	338.2	169.8	6.435	236.1	418.6	78.07	625.9	158	207.3	0.9083	1.812	1.877	3.69	271	0.4708	0.9108	0.6908	723.8	224.8	0.877	14.62
10	12	0.833	332.2	177.6	6.447	227.3	410.2	78.45	628.2	148.8	217.9	0.931	1.816	1.786	3.602	277.6	0.3816	1.025	0.7032	711.1	233.3	0.9134	15.22
10	13	0.769	326.6	184.8	6.463	219.3	402.5	78.65	630.3	140.6	227.7	0.9513	1.884	1.788	3.671	272.4	0.2953	1.122	0.7084	705.8	240.6	0.9479	15.8
10	14	0.714	321.5	191.6	6.481	212	395.5	78.69	632.3	133.3	236.8	0.9695	1.949	1.785	3.734	267.8	0.209	1.207	0.708	706.2	247.2	0.9805	16.34
10	15	0.667	316.8	197.9	6.503	205.4	389	78.61	634.2	126.8	245.3	0.9861	1.985	1.779	3.764	265.6	0.1198	1.285	0.7024	711.8	253	1.012	16.86

Nfin_P	Nfin_N	Wp/Wn (Lp=Ln=7n)	v_th (mV)	Id_max (uA)	Av_max	vil (mV)	vih (mV)	vol (mV)	voh (mV)	NML (mV)	NMH (mV)	Gm_max (mS)	t_rise (ps)	t_fall (ps)	t_slew (ps)	f_slew (GHz)	tpHL (ps)	tpLH (ps)	t_pd (ps)	f_pd (GHz)	Id_peak_transient (uA)	energy_per_cycle (fJ)	avg_power (uW)
10	16	0.625	312.4	203.9	6.526	199.5	382.9	78.42	636	121	253.1	1.001	1.998	1.774	3.772	265.1	0.02459	1.358	0.6914	723.2	258.2	1.042	17.36
10	17	0.588	308.3	209.5	6.551	194	377.3	78.17	637.6	115.8	260.3	1.015	1.992	1.814	3.806	262.7	-0.0568	1.428	0.6857	729.2	262.8	1.07	17.84
10	18	0.556	304.5	214.8	6.577	189	372	77.85	639.1	111.1	267.1	1.027	1.967	1.843	3.81	262.4	-0.127	1.495	0.684	731	267	1.098	18.3
10	19	0.526	300.9	219.8	6.604	184.4	367.1	77.48	640.5	106.9	273.4	1.039	1.93	1.862	3.791	263.8	-0.189	1.563	0.6868	728	270.8	1.125	18.75
10	20	0.500	297.5	224.6	6.63	180.1	362.5	77.07	641.8	103	279.2	1.05	1.877	1.871	3.748	266.8	-0.244	1.628	0.6923	722.2	274.2	1.151	19.18
10	21	0.476	294.2	229.1	6.659	176.2	358.2	76.63	642.9	99.56	284.7	1.059	1.811	1.871	3.682	271.6	-0.292	1.693	0.7002	714.1	277.2	1.176	19.59
11	7	1.571	375.8	136.8	6.477	291.8	471.1	71.9	617.3	219.9	146.3	0.8298	1.981	1.778	3.76	266	1.157	0.2622	0.7094	704.8	191.4	0.7259	12.1
11	8	1.375	366.7	148.3	6.449	278.4	458.5	73.92	618.4	204.5	160	0.8725	2.011	1.815	3.825	261.4	0.9498	0.3987	0.6742	741.6	199.1	0.7819	13.03
11	9	1.222	358.6	158.9	6.434	266.5	447.2	75.45	620	191	172.8	0.9096	1.973	1.911	3.884	257.5	0.7926	0.5258	0.6592	758.5	211.5	0.833	13.88
11	10	1.100	351.4	168.6	6.428	255.7	437	76.6	621.8	179.1	184.7	0.9422	1.891	1.947	3.838	260.6	0.6692	0.651	0.6601	757.5	225	0.8793	14.65
11	11	1.000	344.8	177.6	6.428	245.9	427.8	77.44	623.7	168.4	195.9	0.971	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	236.5	0.9217	15.36
11	12	0.917	338.8	186	6.434	236.9	419.4	78.02	625.7	158.9	206.3	0.9967	1.812	1.884	3.696	270.6	0.4792	0.8993	0.6893	725.4	246.4	0.961	16.02
11	13	0.846	333.2	193.9	6.444	228.8	411.7	78.4	627.8	150.4	216.1	1.02	1.815	1.804	3.619	276.3	0.3975	1.006	0.7015	712.7	255	0.9977	16.63
11	14	0.786	328.1	201.2	6.457	221.4	404.6	78.61	629.7	142.8	225.1	1.041	1.86	1.788	3.647	274.2	0.3188	1.096	0.7076	706.6	262.6	1.033	17.21
11	15	0.733	323.4	208.1	6.474	214.6	398	78.69	631.6	135.9	233.6	1.059	1.929	1.787	3.716	269.1	0.2405	1.177	0.7088	705.5	269.4	1.066	17.76
11	16	0.688	318.9	214.6	6.493	208.4	391.9	78.66	633.4	129.7	241.5	1.077	1.972	1.782	3.754	266.4	0.1611	1.25	0.7057	708.5	275.4	1.097	18.29
11	17	0.647	314.8	220.8	6.513	202.7	386.2	78.53	635.1	124.1	248.9	1.092	1.994	1.776	3.769	265.3	0.07461	1.319	0.6967	717.7	280.9	1.128	18.8
11	18	0.611	310.9	226.6	6.534	197.4	380.8	78.34	636.6	119.1	255.8	1.107	1.998	1.79	3.788	264	-0.00644	1.384	0.6888	726	285.9	1.157	19.29
11	19	0.579	307.3	232.1	6.558	192.6	375.8	78.08	638.1	114.5	262.2	1.12	1.987	1.823	3.81	262.4	-0.077	1.447	0.6849	730	290.4	1.186	19.77
11	20	0.550	303.8	237.3	6.582	188.1	371.1	77.78	639.4	110.3	268.3	1.132	1.962	1.847	3.809	262.5	-0.139	1.508	0.6843	730.7	294.5	1.213	20.22
11	21	0.524	300.5	242.3	6.606	184	366.7	77.44	640.6	106.5	273.9	1.144	1.926	1.863	3.788	264	-0.194	1.569	0.6872	727.6	298.2	1.24	20.67
12	7	1.714	381.6	141.4	6.499	300.3	479.1	70.46	617	229.8	137.9	0.8746	1.92	1.782	3.702	270.1	1.275	0.1747	0.7247	689.9	203.1	0.7534	12.56
12	8	1.500	372.6	153.6	6.466	287.2	466.7	72.63	617.7	214.5	151	0.9215	2	1.774	3.774	264.9	1.083	0.3092	0.6962	718.2	211.8	0.8129	13.55
12	9	1.333	364.6	164.8	6.444	275.3	455.5	74.34	618.8	201	163.3	0.9625	2.007	1.846	3.853	259.5	0.9063	0.4314	0.6689	747.5	219.1	0.8674	14.46
12	10	1.200	357.4	175.1	6.433	264.6	445.4	75.67	620.3	188.9	174.8	0.9986	1.963	1.921	3.884	257.5	0.7701	0.5477	0.6589	758.9	233.2	0.9174	15.29
12	11	1.091	350.8	184.8	6.428	254.8	436.2	76.68	621.9	178.1	185.7	1.031	1.883	1.947	3.83	261.1	0.6601	0.6613	0.6607	756.8	246.5	0.9632	16.05
12	12	1.000	344.8	193.8	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.059	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	258	1.006	16.76
12	13	0.923	339.2	202.2	6.433	237.6	420.1	77.98	625.6	159.7	205.5	1.085	1.811	1.889	3.701	270.2	0.4863	0.8896	0.6879	726.8	267.9	1.045	17.41
12	14	0.857	334.1	210.1	6.442	230.1	412.9	78.35	627.4	151.8	214.5	1.108	1.815	1.819	3.634	275.2	0.4108	0.9891	0.7	714.3	276.7	1.082	18.03
12	15	0.800	329.3	217.5	6.454	223.2	406.3	78.57	629.2	144.6	222.9	1.13	1.837	1.787	3.625	275.9	0.3383	1.075	0.7066	707.6	284.5	1.117	18.62
12	16	0.750	324.9	224.6	6.468	216.8	400.1	78.68	631	138.1	230.9	1.149	1.909	1.787	3.697	270.5	0.2667	1.151	0.7089	705.3	291.5	1.151	19.18
12	17	0.706	320.7	231.2	6.485	210.9	394.4	78.68	632.7	132.2	238.3	1.167	1.957	1.785	3.742	267.3	0.1944	1.221	0.7075	706.8	297.8	1.183	19.72
12	18	0.667	316.8	237.5	6.503	205.4	389	78.61	634.2	126.8	245.3	1.183	1.985	1.779	3.764	265.6	0.1198	1.285	0.7024	711.8	303.6	1.214	20.23
12	19	0.632	313.1	243.5	6.522	200.4	383.9	78.46	635.7	122	251.8	1.198	1.998	1.772	3.769	265.3	0.03941	1.346	0.6928	721.7	308.8	1.244	20.73
12	20	0.600	309.7	249.2	6.542	195.7	379.1	78.26	637.1	117.5	258	1.212	1.996	1.802	3.798	263.3	-0.031	1.405	0.687	727.8	313.6	1.273	21.22
12	21	0.571	306.4	254.6	6.564	191.4	374.6	78.01	638.4	113.4	263.8	1.225	1.982	1.83	3.812	262.3	-0.0933	1.462	0.6845	730.4	318	1.301	21.69
13	7	1.857	387	145.6	6.521	308	486.4	69.07	616.9	238.9	130.5	0.9168	1.832	1.79	3.622	276.1	1.373	0.09318	0.7329	682.3	214.2	0.779	12.98
13	8	1.625	378	158.4	6.484	295.1	474.2	71.36	617.2	223.7	143	0.9679	1.962	1.781	3.742	267.2	1.204	0.2285	0.7162	698.1	223.8	0.8416	14.03
13	9	1.444	370.1	170.2	6.459	283.4	463.1	73.21	618	210.2	154.8	1.013	2.009	1.769	3.778	264.7	1.023	0.3477	0.6855	729.4	232	0.8994	14.99
13	10	1.300	362.9	181.2	6.441	272.8	453.1	74.68	619.1	198.1	166	1.052	2.001	1.868	3.869	258.5	0.8719	0.4585	0.6652	751.6	239.9	0.9526	15.88
13	11	1.182	356.3	191.4	6.432	263	444	75.85	620.5	187.2	176.5	1.087	1.953	1.927	3.88	257.7	0.7518	0.5652	0.6585	759.3	255	1.002	16.7
13	12	1.083	350.3	201	6.427	254.1	435.6	76.75	622.1	177.3	186.5	1.119	1.875	1.947	3.822	261.6	0.6524	0.67	0.6612	756.2	268.1	1.047	17.45
13	13	1.000	344.8	209.9	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.148	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	279.5	1.089	18.16
13	14	0.929	339.7	218.4	6.432	238.3	420.7	77.95	625.4	160.3	204.8	1.173	1.811	1.894	3.705	269.9	0.4923	0.8812	0.6867	728.1	289.5	1.129	18.81
13	15	0.867	334.9	226.3	6.44	231.2	414	78.3	627.1	152.9	213.1	1.197	1.814	1.832	3.646	274.3	0.4222	0.9748	0.6985	715.8	298.4	1.166	19.43
13	16	0.813	330.4	233.9	6.451	224.7	407.8	78.53	628.8	146.2	221	1.219	1.817	1.787	3.604	277.5	0.3549	1.056	0.7055	708.7	306.3	1.202	20.03
13	17	0.765	326.2	241	6.463	218.7	402	78.66	630.5	140	228.5	1.239	1.89	1.788	3.678	271.9	0.2887	1.128	0.7086	705.6	313.5	1.236	20.59
13	18	0.722	322.3	247.8	6.477	213.1	396.5	78.69	632	134.4	235.5	1.257	1.941	1.786	3.727	268.3	0.2223	1.194	0.7084	705.8	320.1	1.268	21.14
13	19	0.684	318.6	254.2	6.494	207.9	391.4	78.65	633.5	129.3	242.1	1.274	1.974	1.782	3.756	266.2	0.1549	1.256	0.7053	708.9	326	1.3	21.66
13	20	0.650	315.1	260.4	6.512	203.1	386.6	78.55	634.9	124.5	248.3	1.29	1.993	1.776	3.769	265.3	0.08134	1.314	0.6975	716.8	331.5	1.33	22.17
13	21	0.619	311.8	266.2	6.529	198.6	382	78.39	636.3	120.2	254.2	1.304	1.998	1.781	3.779	264.6	0.01125	1.369	0.6902	724.4	336.6	1.36	22.67
14	7	2.000	391.8	149.5	6.545	315	493.1	67.73	617	247.3	123.9	0.9568	1.809	1.867	3.677	272	1.458	0.01524	0.7364	678.9	224.8	0.8029	13.38
14	8	1.750	383	162.8	6.504	302.3	481	70.11	616.9	232.2	135.9	1.012	1.9	1.782	3.683	271.5	1.301	0.1539	0.7273	687.5	235.3	0.8685	14.48
14	9	1.556	375.1	175.2	6.474	290.8	470.1	72.07	617.4	218.7	147.3	1.06	1.986	1.778	3.764	265.7	1.142	0.2724	0.7071	707.1	244.4	0.9291	15.49

Nfin_P	Nfin_N	Wp/Wn (Lp=Ln=7n)	v_th (mV)	Id_max (uA)	Av_max	vil (mV)	vih (mV)	vol (mV)	voh (mV)	NML (mV)	NMH (mV)	Gm_max (mS)	t_rise (ps)	t_fall (ps)	t_slew (ps)	f_slew (GHz)	tpHL (ps)	tpLH (ps)	t_pd (ps)	f_pd (GHz)	Id_peak_transient (uA)	energy_per_cycle (fJ)	avg_power (uW)
14	10	1.400	367.9	186.8	6.453	280.3	460.2	73.66	618.3	206.6	158.1	1.103	2.01	1.794	3.805	262.8	0.976	0.3796	0.6778	737.7	252.1	0.9854	16.42
14	11	1.273	361.4	197.5	6.439	270.6	451.1	74.95	619.4	195.6	168.3	1.142	1.993	1.885	3.878	257.9	0.8439	0.4815	0.6627	754.5	262.1	1.038	17.29
14	12	1.167	355.4	207.6	6.431	261.7	442.7	75.99	620.7	185.7	178	1.176	1.943	1.932	3.875	258	0.7365	0.5803	0.6584	759.4	276.8	1.086	18.1
14	13	1.077	349.9	217.1	6.427	253.5	435	76.81	622.2	176.7	187.2	1.207	1.869	1.947	3.816	262.1	0.646	0.6774	0.6617	755.6	289.7	1.131	18.85
14	14	1.000	344.8	226.1	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.236	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	301	1.173	19.55
14	15	0.933	340	234.5	6.433	238.8	421.2	77.91	625.3	160.9	204.2	1.262	1.811	1.897	3.708	269.7	0.4975	0.8739	0.6857	729.2	311	1.213	20.21
14	16	0.875	335.5	242.5	6.439	232.2	414.9	78.26	626.9	153.9	212	1.286	1.814	1.842	3.656	273.5	0.432	0.9623	0.6971	717.2	320	1.25	20.83
14	17	0.824	331.4	250.1	6.449	226.1	409.1	78.49	628.5	147.6	219.4	1.308	1.816	1.786	3.602	277.6	0.3691	1.039	0.7043	709.9	328.1	1.286	21.43
14	18	0.778	327.4	257.4	6.46	220.4	403.6	78.63	630	141.7	226.4	1.328	1.872	1.788	3.659	273.3	0.3076	1.109	0.7081	706.1	335.5	1.32	22.01
14	19	0.737	323.7	264.3	6.473	215.1	398.4	78.69	631.5	136.4	233	1.347	1.925	1.787	3.712	269.4	0.2461	1.172	0.7088	705.4	342.2	1.353	22.56
14	20	0.700	320.2	270.8	6.487	210.1	393.6	78.67	632.9	131.4	239.3	1.364	1.962	1.784	3.746	266.9	0.184	1.23	0.707	707.2	348.4	1.385	23.09
14	21	0.667	316.8	277.1	6.503	205.4	389	78.61	634.2	126.8	245.3	1.38	1.985	1.779	3.764	265.6	0.1198	1.285	0.7024	711.8	354.1	1.416	23.61
15	7	2.143	396.4	153	6.571	321.4	499.2	66.46	617.2	255	118.1	0.9947	1.804	1.91	3.714	269.2	1.535	-0.0607	0.7371	678.3	234.9	0.8254	13.76
15	8	1.875	387.6	167	6.525	308.9	487.3	68.9	616.9	240	129.6	1.054	1.819	1.802	3.621	276.2	1.384	0.08328	0.7335	681.6	246.3	0.8938	14.9
15	9	1.667	379.7	179.9	6.491	297.5	476.5	70.94	617.1	226.6	140.5	1.106	1.943	1.782	3.725	268.4	1.238	0.2031	0.7206	693.9	256.2	0.9571	15.95
15	10	1.500	372.6	192	6.466	287.2	466.7	72.63	617.7	214.5	151	1.152	2	1.774	3.774	264.9	1.083	0.3092	0.6962	718.2	264.8	1.016	16.94
15	11	1.364	366.2	203.3	6.449	277.6	457.7	74.03	618.5	203.6	160.9	1.193	2.01	1.823	3.834	260.8	0.9379	0.4075	0.6727	743.3	272.2	1.071	17.85
15	12	1.250	360.2	213.9	6.437	268.8	449.4	75.18	619.6	193.6	170.3	1.231	1.985	1.897	3.882	257.6	0.8208	0.5011	0.6609	756.5	284.2	1.122	18.71
15	13	1.154	354.7	223.9	6.43	260.6	441.7	76.11	620.9	184.5	179.3	1.265	1.934	1.936	3.87	258.4	0.7236	0.5933	0.6585	759.4	298.5	1.17	19.5
15	14	1.071	349.6	233.3	6.428	253	434.5	76.85	622.3	176.1	187.8	1.296	1.863	1.947	3.81	262.5	0.6404	0.6839	0.6622	755.1	311.2	1.215	20.25
15	15	1.000	344.8	242.2	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.324	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	322.5	1.257	20.95
15	16	0.938	340.3	250.7	6.432	239.2	421.6	77.89	625.2	161.3	203.6	1.35	1.81	1.9	3.711	269.5	0.502	0.8672	0.6846	730.4	332.6	1.297	21.61
15	17	0.882	336.1	258.7	6.439	233.1	415.7	78.22	626.7	154.8	211	1.374	1.814	1.85	3.664	272.9	0.4405	0.9512	0.6959	718.5	341.6	1.334	22.24
15	18	0.833	332.2	266.4	6.447	227.3	410.2	78.45	628.2	148.8	217.9	1.396	1.816	1.786	3.602	277.6	0.3816	1.025	0.7032	711.1	349.9	1.37	22.84
15	19	0.789	328.4	273.7	6.457	221.9	405	78.6	629.6	143.3	224.6	1.417	1.854	1.788	3.641	274.6	0.324	1.091	0.7074	706.8	357.4	1.405	23.42
15	20	0.750	324.9	280.7	6.468	216.8	400.1	78.68	631	138.1	230.9	1.436	1.909	1.787	3.697	270.5	0.2667	1.151	0.7089	705.3	364.3	1.438	23.97
15	21	0.714	321.5	287.4	6.481	212	395.5	78.69	632.3	133.3	236.8	1.454	1.949	1.785	3.734	267.8	0.209	1.207	0.708	706.2	370.7	1.471	24.51
16	7	2.286	400.5	156.4	6.594	327.3	504.7	65.25	617.6	262.1	112.8	1.031	1.799	1.927	3.726	268.4	1.608	-0.137	0.7355	679.8	244.6	0.8461	14.1
16	8	2.000	391.8	170.8	6.545	315	493.1	67.73	617	247.3	123.9	1.094	1.809	1.867	3.677	272	1.458	0.01524	0.7364	678.9	256.9	0.9176	15.29
16	9	1.778	384.1	184.3	6.508	303.8	482.5	69.84	616.9	234	134.4	1.149	1.884	1.782	3.666	272.8	1.32	0.1379	0.729	685.8	267.5	0.9835	16.39
16	10	1.600	377	196.8	6.481	293.5	472.7	71.61	617.2	221.9	144.5	1.199	1.971	1.78	3.751	266.6	1.182	0.2441	0.7132	701.1	276.8	1.045	17.42
16	11	1.455	370.5	208.6	6.459	284.1	463.8	73.1	617.9	211	154.1	1.243	2.008	1.77	3.777	264.7	1.034	0.3406	0.6873	727.5	285	1.103	18.38
16	12	1.333	364.6	219.7	6.444	275.3	455.5	74.34	618.8	201	163.3	1.283	2.007	1.846	3.853	259.5	0.9063	0.4314	0.6689	747.5	292.1	1.157	19.28
16	13	1.231	359.1	230.2	6.435	267.2	447.9	75.37	619.9	191.8	172	1.32	1.977	1.907	3.884	257.5	0.8012	0.5181	0.6597	757.9	306.2	1.207	20.12
16	14	1.143	354	240.1	6.429	259.6	440.7	76.21	621.1	183.4	180.3	1.353	1.926	1.938	3.865	258.7	0.7126	0.6046	0.6586	759.2	320.2	1.254	20.91
16	15	1.067	349.3	249.5	6.427	252.5	434.1	76.89	622.4	175.6	188.3	1.384	1.858	1.947	3.805	262.8	0.6356	0.6895	0.6626	754.6	332.7	1.299	21.65
16	16	1.000	344.8	258.4	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.412	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	344	1.341	22.35
16	17	0.941	340.6	266.9	6.431	239.6	422	77.86	625.1	161.8	203.1	1.438	1.81	1.903	3.713	269.3	0.5059	0.8614	0.6836	731.4	354.1	1.38	23.01
16	18	0.889	336.6	274.9	6.437	233.8	416.4	78.18	626.5	155.6	210.1	1.463	1.813	1.857	3.671	272.4	0.448	0.9414	0.6947	719.7	363.3	1.418	23.64
16	19	0.842	332.9	282.7	6.444	228.3	411.2	78.42	627.9	149.9	216.7	1.485	1.816	1.798	3.614	276.7	0.3925	1.012	0.7021	712.2	371.6	1.454	24.24
16	20	0.800	329.3	290.1	6.454	223.2	406.3	78.57	629.2	144.6	222.9	1.506	1.837	1.787	3.625	275.9	0.3383	1.075	0.7066	707.6	379.3	1.49	24.83
16	21	0.762	326	297.1	6.464	218.3	401.6	78.66	630.6	139.7	228.9	1.526	1.894	1.788	3.681	271.6	0.2846	1.133	0.7087	705.5	386.4	1.523	25.39
17	7	2.429	404.4	159.5	6.618	332.8	509.9	64.11	618	268.7	108.1	1.065	1.792	1.923	3.716	269.1	1.678	-0.211	0.7334	681.7	253.9	0.8662	14.44
17	8	2.125	395.8	174.4	6.566	320.6	498.4	66.61	617.2	254	118.8	1.131	1.805	1.906	3.711	269.4	1.526	-0.0513	0.7372	678.3	267	0.9402	15.67
17	9	1.889	388.1	188.3	6.527	309.6	488	68.77	616.9	240.8	128.9	1.19	1.813	1.811	3.623	276	1.392	0.07561	0.734	681.2	278.5	1.009	16.81
17	10	1.700	381.1	201.4	6.496	299.5	478.4	70.61	617	228.9	138.6	1.243	1.927	1.782	3.709	269.6	1.264	0.1831	0.7235	691	288.5	1.072	17.87
17	11	1.545	374.7	213.6	6.473	290.1	469.5	72.17	617.4	218	147.9	1.291	1.989	1.777	3.766	265.5	1.132	0.279	0.7055	708.7	297.3	1.132	18.87
17	12	1.417	368.8	225.2	6.455	281.4	461.3	73.49	618.1	207.9	156.8	1.334	2.009	1.78	3.79	263.9	0.9937	0.3671	0.6804	734.9	305.1	1.189	19.81
17	13	1.308	363.3	236.1	6.442	273.4	453.7	74.6	619	198.8	165.4	1.373	2.003	1.863	3.866	258.7	0.8798	0.4522	0.666	750.7	312.4	1.242	20.7
17	14	1.214	358.2	246.4	6.434	265.8	446.6	75.53	620.1	190.3	173.5	1.409	1.97	1.915	3.885	257.4	0.7845	0.5342	0.6593	758.3	327.9	1.292	21.53
17	15	1.133	353.4	256.3	6.429	258.7	439.9	76.3	621.2	182.4	181.3	1.442	1.919	1.94	3.86	259.1	0.7031	0.6146	0.6588	758.9	341.8	1.338	22.31
17	16	1.063	349	265.6	6.427	252.1	433.7	76.93	622.4	175.2	188.8	1.472	1.854	1.946	3.8	263.1	0.6314	0.6945	0.663	754.2	354.3	1.383	23.04
17	17	1.000	344.8	274.5	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.501	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	365.5	1.425	23.74
17	18	0.944	340.8	283	6.432	240	422.3	77.84	625	162.2	202.7	1.527	1.81	1.904	3.714	269.3	0.5092	0.8562	0.6827	732.4	375.6	1.464	24.4

Nfin_P	Nfin_N	Wp/Wn (Lp=Ln=7n)	v_th (mV)	Id_max (uA)	Av_max	vil (mV)	vih (mV)	vol (mV)	voh (mV)	NML (mV)	NMH (mV)	Gm_max (mS)	t_rise (ps)	t_fall (ps)	t_slew (ps)	f_slew (GHz)	tpHL (ps)	tpLH (ps)	t_pd (ps)	f_pd (GHz)	Id_peak_transient (uA)	energy_per_cycle (fJ)	avg_power (uW)
17	19	0.895	337.1	291.1	6.437	234.5	417.1	78.15	626.3	156.3	209.3	1.551	1.813	1.864	3.677	272	0.4547	0.9325	0.6936	720.9	384.9	1.502	25.04
17	20	0.850	333.5	298.9	6.443	229.3	412.1	78.38	627.6	150.9	215.5	1.574	1.815	1.81	3.625	275.9	0.4022	0.9998	0.701	713.3	393.3	1.539	25.64
17	21	0.810	330.2	306.4	6.452	224.4	407.4	78.54	628.9	145.8	221.5	1.595	1.821	1.787	3.608	277.1	0.351	1.061	0.7058	708.4	401.2	1.574	26.23
18	7	2.571	408	162.4	6.642	337.8	514.7	63.03	618.5	274.8	103.8	1.098	1.806	1.903	3.709	269.6	1.747	-0.276	0.7358	679.6	262.8	0.8853	14.75
18	8	2.250	399.5	177.8	6.588	325.9	503.4	65.55	617.5	260.3	114.1	1.168	1.801	1.925	3.726	268.4	1.59	-0.117	0.7364	679	276.8	0.961	16.02
18	9	2.000	391.8	192.2	6.545	315	493.1	67.73	617	247.3	123.9	1.23	1.809	1.867	3.677	272	1.458	0.01524	0.7364	678.9	289	1.032	17.21
18	10	1.800	384.9	205.7	6.512	305	483.6	69.62	616.9	235.4	133.3	1.286	1.87	1.782	3.652	273.8	1.335	0.1252	0.7303	684.7	299.7	1.099	18.31
18	11	1.636	378.5	218.4	6.486	295.7	474.8	71.24	617.1	224.5	142.3	1.337	1.957	1.781	3.738	267.5	1.213	0.2215	0.7175	696.9	309.2	1.161	19.34
18	12	1.500	372.6	230.4	6.466	287.2	466.7	72.63	617.7	214.5	151	1.382	2	1.774	3.774	264.9	1.083	0.3092	0.6962	718.2	317.7	1.219	20.32
18	13	1.385	367.2	241.7	6.451	279.1	459.1	73.82	618.4	205.3	159.2	1.424	2.011	1.807	3.818	261.9	0.9598	0.3913	0.6756	740.1	325.2	1.275	21.24
18	14	1.286	362.1	252.5	6.44	271.6	452.1	74.82	619.3	196.8	167.2	1.463	1.997	1.877	3.874	258.1	0.8572	0.4705	0.6639	753.2	334.6	1.327	22.11
18	15	1.200	357.4	262.7	6.433	264.6	445.4	75.67	620.3	188.9	174.8	1.498	1.963	1.921	3.884	257.5	0.7701	0.5477	0.6589	758.9	349.8	1.376	22.93
18	16	1.125	352.9	272.5	6.428	258	439.2	76.38	621.4	181.6	182.1	1.53	1.913	1.942	3.854	259.4	0.6947	0.6235	0.6591	758.6	363.5	1.423	23.71
18	17	1.059	348.7	281.8	6.427	251.7	433.4	76.96	622.5	174.8	189.2	1.561	1.85	1.946	3.796	263.4	0.6277	0.699	0.6634	753.7	375.8	1.467	24.44
18	18	1.000	344.8	290.7	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.589	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	387	1.508	25.14
18	19	0.947	341	299.2	6.431	240.3	422.6	77.82	625	162.5	202.4	1.615	1.81	1.906	3.716	269.1	0.5124	0.8516	0.682	733.1	397.1	1.548	25.8
18	20	0.900	337.5	307.3	6.436	235.1	417.6	78.12	626.2	156.9	208.6	1.64	1.813	1.869	3.682	271.6	0.4607	0.9246	0.6926	721.9	406.4	1.586	26.44
18	21	0.857	334.1	315.1	6.442	230.1	412.9	78.35	627.4	151.8	214.5	1.663	1.815	1.819	3.634	275.2	0.4108	0.9891	0.7	714.3	415	1.623	27.05
19	7	2.714	411.4	165.1	6.664	342.6	519.1	62.01	619	280.6	99.93	1.129	1.84	1.868	3.708	269.7	1.817	-0.332	0.7421	673.7	271.3	0.9033	15.05
19	8	2.375	403	180.9	6.609	330.8	508	64.53	617.8	266.2	109.8	1.203	1.795	1.926	3.721	268.7	1.651	-0.184	0.7335	681.6	286.2	0.9815	16.36
19	9	2.111	395.4	195.8	6.565	320	497.9	66.74	617.2	253.3	119.3	1.268	1.805	1.903	3.709	269.6	1.518	-0.0439	0.7372	678.3	299.2	1.055	17.58
19	10	1.900	388.5	209.7	6.529	310.2	488.5	68.66	616.9	241.5	128.4	1.327	1.812	1.818	3.63	275.5	1.399	0.0695	0.7343	680.9	310.6	1.123	18.72
19	11	1.727	382.1	222.8	6.5	301	479.8	70.33	617	230.7	137.1	1.381	1.913	1.782	3.695	270.6	1.284	0.1671	0.7257	689	320.8	1.188	19.79
19	12	1.583	376.3	235.2	6.477	292.5	471.8	71.78	617.3	220.7	145.5	1.429	1.977	1.779	3.756	266.2	1.167	0.2546	0.711	703.2	329.8	1.248	20.81
19	13	1.462	370.9	247	6.461	284.6	464.3	73.03	617.9	211.5	153.6	1.473	2.007	1.771	3.778	264.7	1.042	0.3357	0.6886	726.1	338	1.306	21.76
19	14	1.357	365.8	258.2	6.448	277.1	457.2	74.1	618.6	203	161.4	1.514	2.01	1.828	3.838	260.5	0.9311	0.4126	0.6718	744.2	345.2	1.36	22.67
19	15	1.267	361.1	268.8	6.438	270.1	450.6	75.01	619.5	195.1	168.8	1.552	1.991	1.888	3.879	257.8	0.8378	0.4866	0.6622	755.1	356.8	1.412	23.53
19	16	1.188	356.7	279	6.432	263.5	444.4	75.79	620.4	187.7	176	1.587	1.956	1.925	3.881	257.6	0.7575	0.5597	0.6586	759.2	371.6	1.46	24.34
19	17	1.118	352.5	288.7	6.429	257.3	438.6	76.44	621.5	180.9	182.9	1.619	1.907	1.943	3.849	259.8	0.6873	0.6315	0.6594	758.3	385.1	1.507	25.11
19	18	1.056	348.5	297.9	6.427	251.4	433.1	76.99	622.6	174.4	189.5	1.649	1.846	1.946	3.792	263.7	0.6244	0.703	0.6637	753.4	397.3	1.55	25.84
19	19	1.000	344.8	306.8	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.677	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	408.5	1.592	26.54
19	20	0.950	341.2	315.3	6.431	240.6	422.9	77.8	624.9	162.8	202	1.703	1.81	1.908	3.718	269	0.5152	0.8476	0.6814	733.8	418.7	1.632	27.2
19	21	0.905	337.9	323.5	6.435	235.6	418.1	78.09	626.1	157.5	207.9	1.728	1.813	1.873	3.686	271.3	0.466	0.9174	0.6917	722.9	428	1.67	27.84
20	7	2.857	414.6	167.7	6.686	347	523.2	61.05	619.6	285.9	96.36	1.159	1.866	1.819	3.684	271.4	1.887	-0.383	0.7519	665	279.5	0.9204	15.34
20	8	2.500	406.2	183.9	6.63	335.4	512.3	63.56	618.3	271.8	105.9	1.236	1.788	1.915	3.704	270	1.713	-0.244	0.7341	681.1	295.3	1.001	16.68
20	9	2.222	398.7	199.2	6.583	324.7	502.3	65.78	617.4	259	115.1	1.305	1.802	1.922	3.725	268.5	1.576	-0.102	0.7367	678.7	309	1.076	17.93
20	10	2.000	391.8	213.5	6.545	315	493.1	67.73	617	247.3	123.9	1.367	1.809	1.867	3.677	272	1.458	0.01524	0.7364	678.9	321.1	1.147	19.12
20	11	1.818	385.6	227.1	6.516	306	484.5	69.44	616.9	236.5	132.4	1.423	1.858	1.782	3.64	274.7	1.347	0.115	0.7312	683.8	331.9	1.213	20.22
20	12	1.667	379.7	239.9	6.491	297.5	476.5	70.94	617.1	226.6	140.5	1.474	1.943	1.782	3.725	268.4	1.238	0.2031	0.7206	693.9	341.6	1.276	21.27
20	13	1.538	374.4	252	6.471	289.7	469.1	72.24	617.5	217.4	148.4	1.521	1.991	1.777	3.768	265.4	1.125	0.2836	0.7044	709.8	350.3	1.336	22.26
20	14	1.429	369.3	263.6	6.456	282.3	462.1	73.37	618.1	208.9	156	1.564	2.01	1.77	3.78	264.5	1.006	0.3591	0.6827	732.4	358.1	1.392	23.2
20	15	1.333	364.6	274.6	6.444	275.3	455.5	74.34	618.8	201	163.3	1.604	2.007	1.846	3.853	259.5	0.9063	0.4314	0.6689	747.5	365.1	1.446	24.09
20	16	1.250	360.2	285.1	6.437	268.8	449.4	75.18	619.6	193.6	170.3	1.641	1.985	1.897	3.882	257.6	0.8208	0.5011	0.6609	756.5	378.9	1.497	24.94
20	17	1.176	356	295.2	6.431	262.6	443.5	75.89	620.6	186.7	177.1	1.675	1.949	1.929	3.878	257.8	0.7464	0.5705	0.6584	759.4	393.4	1.545	25.75
20	18	1.111	352.1	304.8	6.427	256.7	438	76.5	621.6	180.2	183.6	1.707	1.901	1.945	3.846	260	0.6804	0.6386	0.6595	758.2	406.7	1.591	26.51
20	19	1.053	348.3	314.1	6.427	251.1	432.8	77.01	622.6	174.1	189.9	1.737	1.843	1.945	3.788	264	0.6215	0.7065	0.664	753	418.9	1.634	27.24
20	20	1.000	344.8	323	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.765	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	430	1.676	27.93
20	21	0.952	341.4	331.5	6.43	240.8	423.1	77.79	624.8	163.1	201.7	1.792	1.809	1.91	3.719	268.9	0.5178	0.8439	0.6809	734.4	440.2	1.716	28.6
21	7	3.000	417.6	170.1	6.708	351.1	527.1	60.14	620.2	291	93.09	1.188	1.885	1.76	3.645	274.4	1.957	-0.429	0.7644	654.1	287.3	0.9368	15.61
21	8	2.625	409.3	186.8	6.65	339.6	516.4	62.64	618.7	277	102.3	1.268	1.82	1.891	3.711	269.5	1.773	-0.298	0.7376	677.9	304	1.02	16.99
21	9	2.333	401.8	202.4	6.602	329.2	506.5	64.86	617.7	264.3	111.2	1.34	1.797	1.928	3.725	268.5	1.631	-0.163	0.7343	680.9	318.5	1.097	18.28
21	10	2.100	395	217.1	6.563	319.5	497.4	66.83	617.1	252.7	119.7	1.405	1.806	1.9	3.706	269.8	1.512	-0.0381	0.7372	678.3	331.3	1.17	19.5
21	11	1.909	388.8	231.1	6.53	310.6	488.9	68.58	616.9	242	128	1.464	1.812	1.822	3.634	275.2	1.405	0.06452	0.7345	680.7	342.7	1.238	20.63
21	12	1.750	383	244.3	6.504	302.3	481	70.11	616.9	232.2	135.9	1.518	1.9	1.782	3.683	271.5	1.301	0.1539	0.7273	687.5	353	1.303	21.71

Nfin_P	Nfin_N	Wp/Wn (Lp=Ln=7n)	v_th (mV)	Id_max (uA)	Av_max	vil (mV)	vih (mV)	vol (mV)	voh (mV)	NML (mV)	NMH (mV)	Gm_max (mS)	t_rise (ps)	t_fall (ps)	t_slew (ps)	f_slew (GHz)	tpHL (ps)	tpLH (ps)	t_pd (ps)	f_pd (GHz)	Id_peak_transient (uA)	energy_per_cycle (fJ)	avg_power (uW)
21	13	1.615	377.6	256.8	6.483	294.5	473.6	71.46	617.2	223	143.6	1.567	1.965	1.78	3.746	267	1.196	0.2345	0.7151	699.2	362.3	1.364	22.74
21	14	1.500	372.6	268.8	6.466	287.2	466.7	72.63	617.7	214.5	151	1.613	2	1.774	3.774	264.9	1.083	0.3092	0.6962	718.2	370.7	1.423	23.71
21	15	1.400	367.9	280.1	6.453	280.3	460.2	73.66	618.3	206.6	158.1	1.655	2.01	1.794	3.805	262.8	0.976	0.3796	0.6778	737.7	378.2	1.478	24.64
21	16	1.313	363.5	291	6.442	273.7	454	74.55	619	199.2	165	1.694	2.004	1.86	3.864	258.8	0.8848	0.4483	0.6665	750.2	385	1.531	25.52
21	17	1.235	359.4	301.5	6.436	267.6	448.2	75.33	619.8	192.2	171.6	1.73	1.979	1.905	3.884	257.5	0.8058	0.5141	0.6599	757.6	401	1.581	26.36
21	18	1.167	355.4	311.4	6.431	261.7	442.7	75.99	620.7	185.7	178	1.764	1.943	1.932	3.875	258	0.7365	0.5803	0.6584	759.4	415.1	1.629	27.15
21	19	1.105	351.7	321	6.428	256.2	437.5	76.55	621.7	179.6	184.2	1.796	1.896	1.946	3.842	260.3	0.6745	0.6451	0.6598	757.8	428.3	1.675	27.91
21	20	1.050	348.2	330.2	6.427	250.9	432.5	77.03	622.7	173.8	190.1	1.826	1.84	1.945	3.785	264.2	0.6188	0.7098	0.6643	752.7	440.4	1.718	28.63
21	21	1.000	344.8	339.1	6.428	245.9	427.8	77.44	623.7	168.4	195.9	1.854	1.806	1.932	3.738	267.5	0.5675	0.7748	0.6712	745	451.5	1.76	29.33