

**Chip Production scenario (deterministic, TB)**

	Simple				OSA				PG				OSA+PG			
	TT	PT	EN	PS	TT	PT	EN	PS	TT	PT	EN	PS	TT	PT	EN	PS
$h_{\max}$																
c1	<b>0.2189</b>	<b>0.344</b>	21	17	0.2191	5.956	30	27	0.2314	0.363	<b>16</b>	<b>14</b>	0.2303	7.623	38	24
c2	0.2363	7.952	77	29	<b>0.2286</b>	<b>7.758</b>	127	64	0.24	7.782	<b>67</b>	<b>26</b>	0.2327	7.82	240	60
c3	<b>0.2351</b>	10.082	214	45	0.238	<b>9.177</b>	406	120	0.2585	10.285	<b>201</b>	<b>42</b>	0.2574	9.296	1111	115
c4	<b>0.2484</b>	14.788	539	65	0.2528	<b>10.841</b>	1026	204	0.2709	14.724	<b>523</b>	<b>62</b>	0.2808	10.883	4570	200
c5	<b>0.2535</b>	18.592	1288	89	0.2731	<b>13.684</b>	2335	322	0.3435	18.901	<b>1268</b>	<b>86</b>	0.3411	13.931	13103	318
c6	<b>0.2697</b>	25.387	2997	117	0.2805	<b>15.695</b>	4798	480	0.4702	25.509	<b>2973</b>	<b>114</b>	0.4916	16.053	30968	475
c7	<b>0.2939</b>	28.489	6866	149	0.319	<b>19.745</b>	9096	684	0.8094	27.616	<b>6856</b>	<b>146</b>	0.8087	20.057	64207	676
c8	<b>0.3372</b>	32.3	15551	185	0.3772	<b>24.667</b>	<b>15283</b>	940	1.4207	32.275	15540	<b>182</b>	1.442	26.187	123579	937
c9	<b>0.4341</b>	38.679	34876	225	0.4626	<b>31.52</b>	<b>25909</b>	1254	2.8202	39.754	34864	<b>222</b>	2.7203	36.435	216972	1243
c10	<b>0.5692</b>	49.64	77513	269	0.6107	<b>38.824</b>	<b>39583</b>	1632	5.0742	50.746	77500	<b>266</b>	5.0884	48.403	368869	1628
c11	<b>0.8339</b>	55.331	170854	317	0.8949	<b>48.374</b>	<b>61028</b>	2080	9.2818	60.018	170840	<b>314</b>	9.3006	66.468	586928	2066
c12	<b>1.0428</b>	68.391	373779	<b>369</b>	1.0516	<b>57.005</b>	<b>88570</b>	2604	—	—	—	—	—	—	—	—
$h_{\text{ff}}$																
c1	<b>0.2141</b>	<b>0.343</b>	20	17	0.2237	5.947	30	27	0.2239	0.373	<b>16</b>	<b>14</b>	0.2258	7.579	38	24
c2	<b>0.2313</b>	7.899	74	29	0.2361	7.818	127	64	0.2326	7.923	<b>56</b>	<b>26</b>	0.246	<b>7.791</b>	252	60
c3	<b>0.2469</b>	9.959	204	45	0.2518	<b>9.07</b>	406	120	0.2544	10.459	<b>179</b>	<b>42</b>	0.2615	9.228	1111	115
c4	<b>0.2373</b>	14.731	514	65	0.2447	<b>10.677</b>	1026	204	0.2617	14.703	<b>475</b>	<b>62</b>	0.2708	10.924	4570	200
c5	<b>0.2518</b>	18.616	1232	89	0.2616	<b>13.848</b>	2335	322	0.3339	19.157	<b>1171</b>	<b>86</b>	0.3328	14.019	13092	318
c6	<b>0.2756</b>	25.287	2878	117	0.2797	<b>15.808</b>	4798	480	0.4727	25.608	<b>2779</b>	<b>114</b>	0.514	16.174	30968	475
c7	<b>0.2946</b>	28.311	6620	149	0.317	<b>19.759</b>	9096	684	0.8121	27.698	<b>6451</b>	<b>146</b>	0.8018	20.711	64207	676
c8	0.3721	31.89	15050	185	<b>0.3707</b>	<b>24.793</b>	15283	940	1.4416	32.339	<b>14747</b>	<b>182</b>	1.441	27.59	123579	937
c9	<b>0.4282</b>	38.386	33864	225	0.4619	<b>31.888</b>	<b>25909</b>	1254	2.8172	40.089	33299	<b>222</b>	2.7066	38.835	217012	1243
c10	<b>0.5667</b>	49.522	75478	269	0.6119	<b>39.077</b>	<b>39583</b>	1632	5.087	51.346	74395	<b>266</b>	5.0775	54.834	368869	1628
c11	<b>0.8313</b>	55.921	166772	317	0.8861	<b>48.56</b>	<b>61028</b>	2080	9.3864	63.026	164659	<b>314</b>	9.3125	78.449	586901	2066
c12	<b>1.0449</b>	67.974	365602	<b>369</b>	1.0512	<b>58.27</b>	<b>88570</b>	2604	—	—	—	—	—	—	—	—