





	1997	1999	2001	2003	2006	2009	2012
Min. Feature Size (µm)	0.25	0.18	0.15	0.13	0.1	0.07	0.05
Threshold Voltage (V)	0.5	0.45	0.4	0.35	0.3	0.25	0.2
T _{ox} (nm)	5	4	3	3	2	1.5	1
C _{interconnect} (aF/µm)	50	36	29	21	20	16	14
Norminal I _{on} (µA/µm)(NMOS/PMOS)	600/280	600/280	600/280	600/280	600/280	600/280	600/280
Max $I_{off}(\mu A/\mu m)$ (For minimum L device)	1	1	3	3	3	10	10
Supply Voltage (V)	2.5	1.8	1.8	1.5	1.2	0.9	0.6
On-chip across-chip clock freq. (MHz) 350	526	727	928	1108	1468	1827
Off-chip peripheral bus freq. (MHz)	75/175	100.263	100/362	125/464	125/554	150/734	150/913
Usable transistors (millions / cm ²)	8	14	16	24	40	64	100
Chip size (cm ²)	3	3.4	3.85	4.3	5.2	6.2	7.5
Chip pad count	256-800	300-976	352-1193	413-1458	524-1968	666-2656	846-357





























































































































