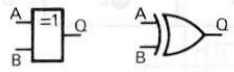
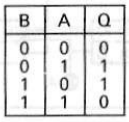
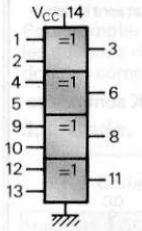
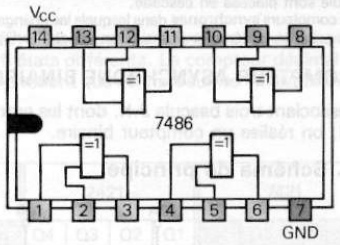
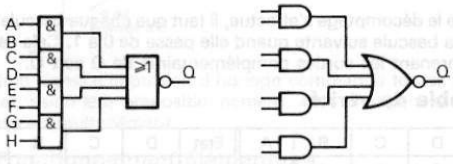
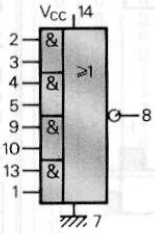
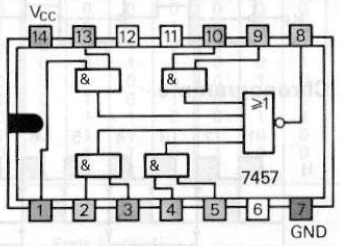
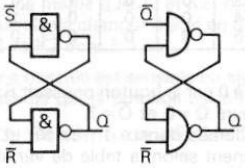
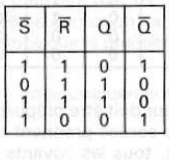
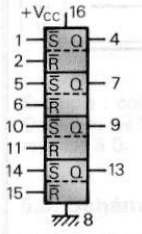
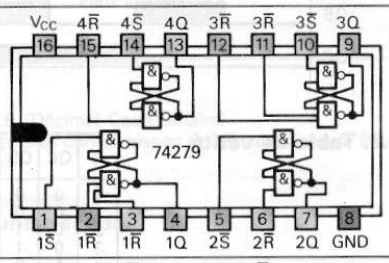
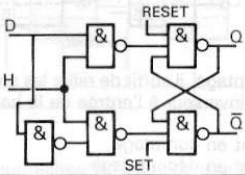
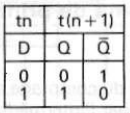
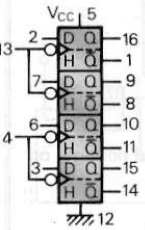
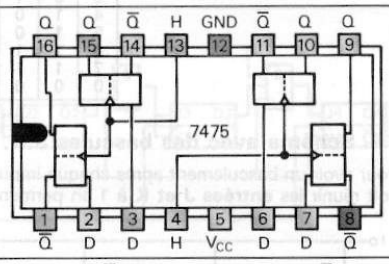
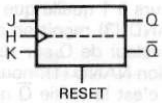
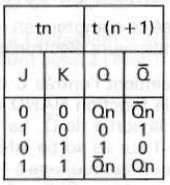
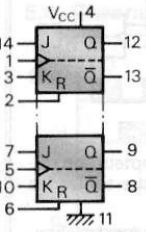
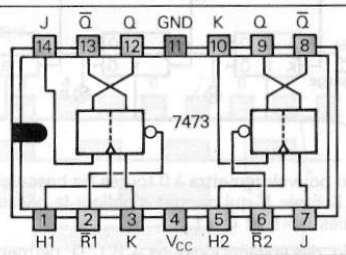
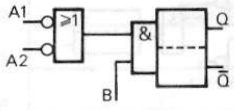
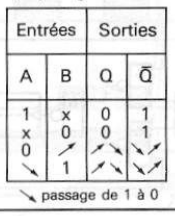
Opérateurs logiques (TTL)

Désignation	Table de vérité	Symbolisation simplifiée	Brochage
7400 4×2 ET-NON (NAND) $Q=\overline{A.B}$	B A Q L L H L H H H L H H H L	+Vcc 14 1 2 4 5 9 10 12 13 3 6 8 11 7	Vcc 14 13 12 11 10 9 8 7400 1 2 3 4 5 6 7 GND
7402 OU NON-NI-(NOR) 4 portes à 2 entrées $Q=\overline{A+B}$	B A Q L L H L H L H L L H H L	+Vcc 14 2 3 5 6 8 9 11 12 1 4 10 13 7	Vcc 14 13 12 11 10 9 8 7402 1 2 3 4 5 6 7 GND
7408 ET (AND) 4 portes ET à 2 entrées Q=A.B	B A Q L L L L H L H L L H H H	+Vcc 14 1 2 4 5 9 10 12 13 3 6 8 11 7	Vcc 14 13 12 11 10 9 8 7408 1 2 3 4 5 6 7 GND
7432 OU (OR) 4 portes OU à 2 entrées Q=A+B	B A Q L L L L H H H L H H H H	+Vcc 14 1 2 4 5 9 10 12 13 3 6 8 11 7	Vcc 14 13 12 11 10 9 8 7432 1 2 3 4 5 6 7 GND
7404 INVERSEUR 6 inverseurs $Q=\overline{A}$	A Q L H H L	+Vcc 14 1 3 5 9 11 13 2 4 6 8 10 12 7	Vcc 14 13 12 11 10 9 8 7404 1 2 3 4 5 6 7 GND
7451 ET-OU-NON 2 portes ET-OU-NON $Q=\overline{A.B+B.C}$	A.B C.D (A.B)+(C.D) Q L L L H L H H L H L H L H H H L	+Vcc 14 2 3 4 5 9 10 1 13 6 8 7	Vcc 14 13 12 11 10 9 8 7451 1 2 3 4 5 6 7 GND

Opérateurs logiques (TTL)

Désignation	Table de vérité	Symbolisation simplifiée	Brochage
7486 4 OU exclusif 	 B | A | Q 0 0 0 0 1 1 1 0 1 1 1 0		
7454 ET—OU—NON Q = A.B + C.D + D.E + F.C 			
74279 4 Bascules RS 	 $\overline{S}$ | $\overline{R}$ | Q | $\overline{Q}$ 1 1 0 1 0 1 1 0 1 0 0 1 1 1 0 1		
7475 4 Bascules D Latch 	 tn | t(n+1) D | Q | $\overline{Q}$ 0 0 1 1 1 0		
7473 2 Bascules JK 	 tn | t(n+1) J K | Q $\overline{Q}$ 0 0 | Qn $\overline{Q}$n 1 0 | 0 1 0 1 | 1 0 1 1 | $\overline{Q}$n Qn		
74121 1 monostable 	x = niveau 0 ou 1 ↗ passage de 0 à 1  Entrées | Sorties A B | Q $\overline{Q}$ 1 x | 0 1 x 0 | 0 1 0 ↗ | ↘ ↘ ↘ 1 | ↘ ↘ ↘ passage de 1 à 0