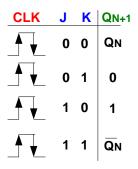
FF JK mestre escravo

Tabela de operações: ff Jk Ms

Objetivo: robustez para risco essencial



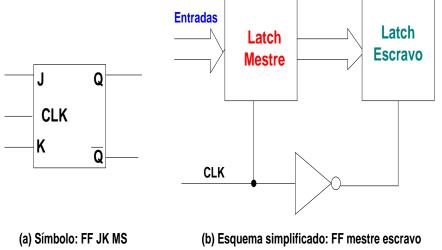
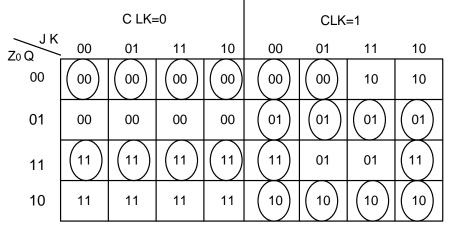


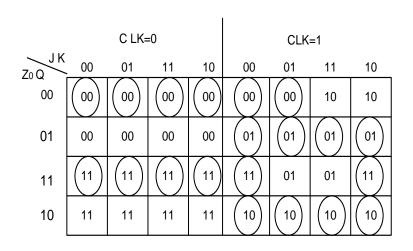
Tabela de fluxo de estados: FF JK MS



10/05/2020

Departamento de Eletrônica Aplicada do ITA

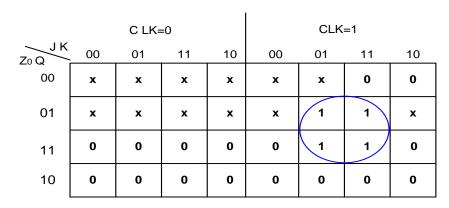
Exemplo: FF JK MS



Funções SET e RESET: Z0

	C LK=0				CLK=1			
Z ₀ Q	. 00	01	11	10	00	01	11	10
00	0	0	0	0	0	0	1	1)
01	0	0	0	0	0	0	0	0
11	x	x	x	х	х	0	0	x
10	x	×	x	x	x	x	1	1

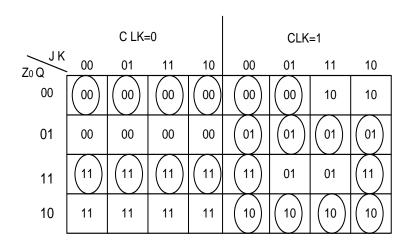
 $F_{Z_0-SET} = CLKJQ$

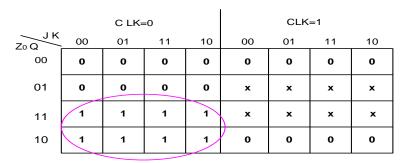


FZ_{0-RESET} = CLK K Q

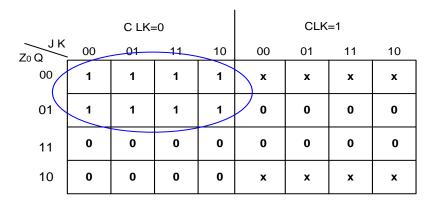
Funções SET e RESET: Q

Exemplo: FF JK MS





$$\mathbf{F}_{Q-SET} = \overline{\mathbf{CLK}} \ Z_0$$



$$\mathbf{F}_{Q-RESET} = \mathbf{CLK} \mathbf{Z}_0$$

Circuito lógico: arquitetura standard RS

Exemplo: FF JK MS

$$F_{Z_0-SFT} = CLK J \overline{Q}$$

$$\mathbf{F}_{Q-SET} = \overline{CLK} Z_0$$

$$\mathbf{F}_{Q-RESET} = \overline{CLK} \overline{Z_0}$$

