

Trabalho #4: Relatório Amux e Shifter

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Curso: Tecnologia em Análise e Desenvolvimento de Sistemas

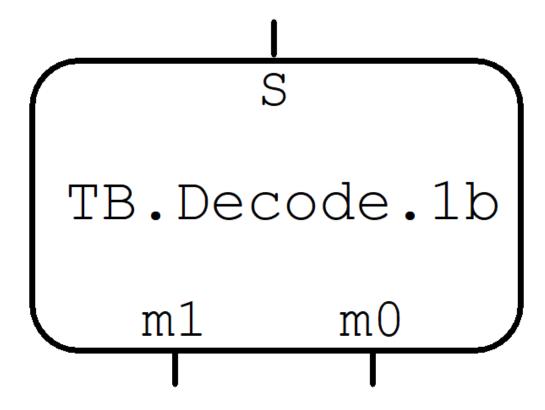
Professor: Me José A. A. Viana

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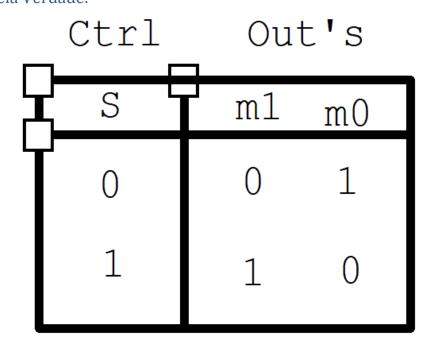
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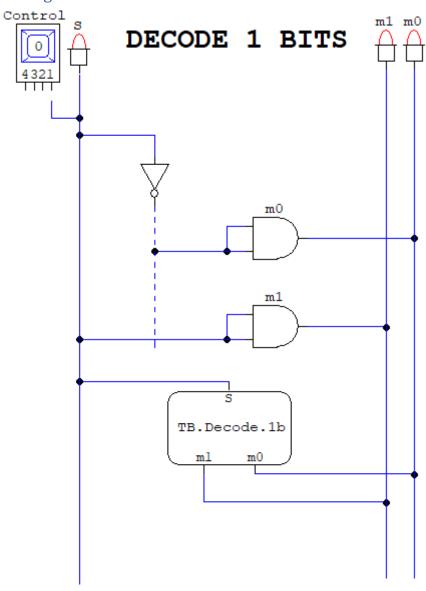
1 – Decode 1 bit

1.1 - MACRO:



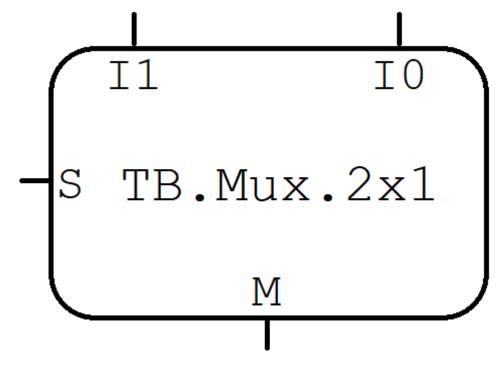
1.2 – Tabela Verdade:



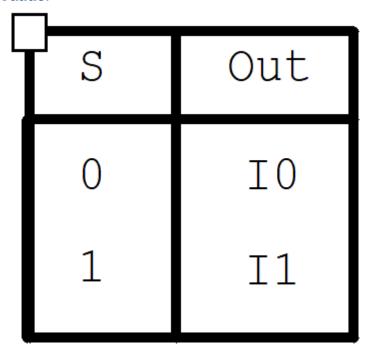


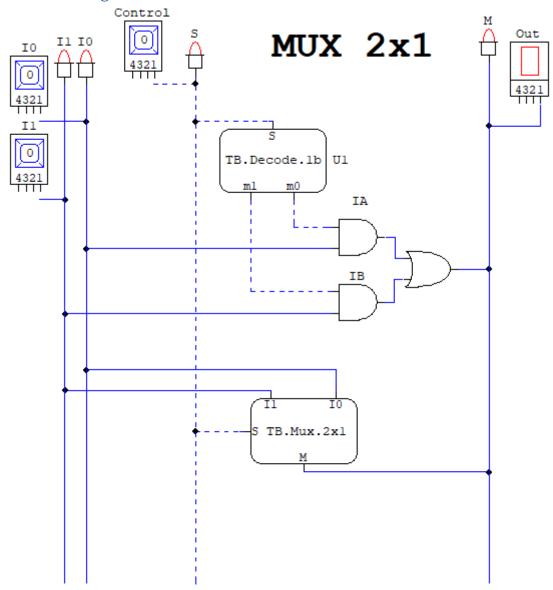
2 - Mux 2x1

2.1 - MACRO:



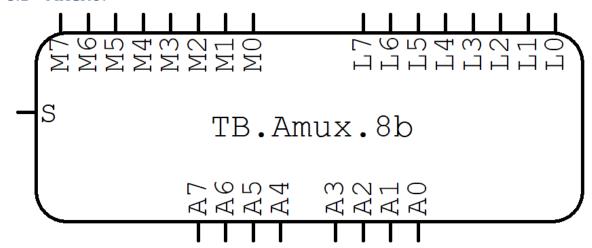
2.2 – Tabela Verdade:





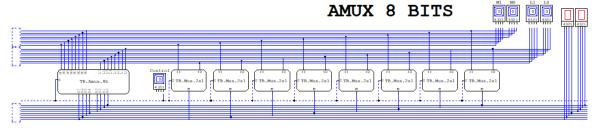
3 – Amux 8 bits

3.1 - MACRO:



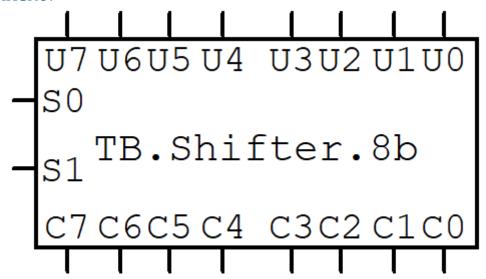
3.2 – Tabela Verdade:

	Ctrl	Função
Ĭ	S	Bus A
ſ	0	Latch A
L	1	MBR



4 - Shifter 8 bits

4.1 - MACRO:



4.2 - Tabela Verdade:

_	Ct	rl	Out's
	S 0	S1	Bus C
	0	0	Pass
	0	1	<- 1bit
	1	0	-> 1bit
	1	1	N/A

