Sistemas Digitais e Microcontrolados - Tabelas verdade MUX e DEMUX

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IN			OUT							
A	B	C	$D0$	$D1$	$D2$	$D3$	$D4$	$D5$	$D6$	$D7$
0	0	0	Q	0	0	0	0	0	0	0
0	0	1	0	Q	0	0	0	0	0	0
0	1	0	0	0	Q	0	0	0	0	0
0	1	1	0	0	0	Q	0	0	0	0
1	0	0	0	0	0	0	Q	0	0	0
1	0	1	0	0	0	0	0	Q	0	0
1	1	0	0	0	0	0	0	0	Q	0
1	1	1	0	0	0	0	0	0	0	Q

IN			OUT							
A	B	C	$Y0$	$Y1$	$Y2$	$Y3$	$Y4$	$Y5$	$Y6$	$Y7$
0	0	0	Q	0	0	0	0	0	0	0
0	0	1	0	Q	0	0	0	0	0	0
0	1	0	0	0	Q	0	0	0	0	0
0	1	1	0	0	0	Q	0	0	0	0
1	0	0	0	0	0	0	Q	0	0	0
1	0	1	0	0	0	0	0	Q	0	0
1	1	0	0	0	0	0	0	0	Q	0
1	1	1	0	0	0	0	0	0	0	Q