			a			

IN Letra	Out Letra	Brujula	Lado	In/Out instruciones	Ranura IN	Ranura OUT
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	1	Sev	Lic	Be_1/Be_0	3	1
0	1	Sev	Lic	Be_1/Bo_1	3	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
0	0	Sev	Lic	Be_0/Be_1	1	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

			b			

IN Letra	Out Letra	Brujula	Lado	In/Out instruciones	Ranura IN	Ranura OUT
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

	c					

IN Letra	Out Letra	Brujula	Lado	In/Out instruciones	Ranura IN	Ranura OUT
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	d					

IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	0	Sev	Izn	Bo_0/Be_0	5	6
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

IN	Out	Dir	Lado	InOut	In	Out
				e		
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	0	Sev	Lic	Bo_0/Bo_1	2	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	0	Sev	Izn	Bo_0/Be_0	5	6
0	0	Sev	Lic	Be_0/Be_1	1	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

IN	Out	Dir	Lado	InOut	In	Out
				f		
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	0	Sev	Izn	Bo_0/Bo_1	5	7
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	0	Sev	Izn	Bo_0/Be_0	5	6
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

			g			
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	1	Sev	Izn	Be_0/Be_1	6	8
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	0	Sev	Izn	Bo_0/Be_0	5	6
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

			h			
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	0	Sev	Izn	Be_1/Be_0	8	6
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

	i					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	1	Sev	Lic	Be_1/Be_0	3	1
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	0	Sev	Izn	Be_1/Be_0	8	6
0	0	Sev	Lic	Be_0/Be_1	1	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	j					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	0	Sev	Izn	Be_1/Be_0	8	6
1	1	Sev	Izn	Bo_1/Bo_0	7	5
0	1	Sev	Izn	Be_0/Bo_0	6	5

IN	Out	Dir	Lado	InOut	In	Out
			k			
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	0	Sev	Izn	Bo_0/Bo_1	5	7
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	0	Sev	Izn	Be_1/Be_0	8	6
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

IN	Out	Dir	Lado	InOut	In	Out
			l			
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	0	Sev	Izn	Bo_0/Be_0	5	6
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

	m					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	0	Sev	Izn	Bo_0/Be_0	5	6
0	0	Sev	Lic	Be_0/Be_1	1	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	n					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	1	Sev	Lic	Be_1/Bo_1	3	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	0	Sev	Izn	Bo_0/Be_0	5	6
1	1	Sev	Izn	Bo_1/Bo_0	7	5
0	1	Sev	Izn	Be_0/Bo_0	6	5

	o					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
0	0	Sev	Lic	Bo_0/Bo_1	2	4
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	0	Sev	Izn	Bo_0/Be_0	5	6
1	1	Sev	Lic	Bo_1/Bo_0	4	2
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	p					
IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	1	Sev	Izn	Be_0/Be_1	6	8
1	1	Sev	Lic	Bo_1/Bo_0	4	6
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

	q					
IN	Out	Dir	Lado	InOut	in	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
0	1	Sev	Izn	Be_0/Bo_0	6	5
1	1	Sev	Lic	Bo_1/Bo_0	4	2

	r					
IN	Out	Dir	Lado	InOut	in	Out
0	0	Sev	Izn	Bo_0/Bo_1	5	7
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
1	1	Sev	Lic	Bo_1/Bo_0	4	2
0	1	Sev	Izn	Be_0/Bo_0	6	5

			s			

IN	Out	Dir	Lado	InOut	In	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	1	Sev	Izn	Be_0/Be_1	6	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Izn	Be_1/Be_0	8	6
1	1	Sev	Lic	Bo_1/Bo_0	4	2
1	1	Sev	Izn	Bo_1/Bo_0	7	5

			t			

IN	Out	Dir	Lado	InOut	in	Out
0	0	Sev	Izn	Bo_0/Bo_1	5	7
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	0	Sev	Izn	Bo_0/Be_0	5	6
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

IN	Out	Dir	Lado	InOut	in	Out
			u			
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	1	Sev	Lic	Be_1/Be_0	3	1
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	1	Sev	Lic	Bo_1/Bo_0	4	2
0	1	Sev	Izn	Be_0/Bo_0	6	5
1	1	Sev	Izn	Bo_1/Bo_0	7	5

IN	Out	Dir	Lado	InOut	in	Out
			v			
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	1	Sev	Lic	Bo_1/Bo_0	4	2
1	1	Sev	Izn	Bo_1/Bo_0	7	5
0	1	Sev	Izn	Be_0/Bo_0	6	5

				w		

IN	Out	Dir	Lado	InOut	in	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	1	Sev	Izn	Bo_0/Bo_1	5	7
1	1	Sev	Izn	Bo_1/Bo_0	7	5
1	1	Sev	Lic	Bo_1/Bo_0	4	2

				x		

IN	Out	Dir	Lado	InOut	in	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Lic	Bo_1/Bo_0	4	2
0	1	Sev	Izn	Be_1/Bo_1	8	7
0	0	Sev	Lic	Be_0/Be_1	1	3
0	1	Sev	Izn	Be_0/Bo_0	6	5

	y					
IN	Out	Dir	Lado	InOut	in	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	0	Sev	Lic	Bo_0/Be_0	2	1
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Lic	Bo_1/Bo_0	4	2
0	0	Sev	Lic	Bo_0/Bo_1	2	4
0	0	Sev	Lic	Be_0/Be_1	1	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	z					
IN	Out	Dir	Lado	InOut	in	Out
0	1	Sev	Lic	Be_0/Bo_0	1	2
1	1	Sev	Izn	Be_0/Be_1	6	8
1	0	Sev	Izn	Bo_1/Be_1	7	8
1	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Lic	Bo_1/Bo_0	4	2
0	1	Sev	Izn	Be_1/Bo_1	8	7
1	1	Sev	Izn	Bo_1/Bo_0	7	5
0	0	Sev	Lic	Be_0/Be_1	1	3

Reglas de Variable Correctas a base de Canales

Lado 1

1 2	
2 1	
3 4	
4 3	
5 6	
6 5	
7 8	
8 7	

Lado 2

1 3	
3 1	
2 4	
4 2	
5 7	
7 5	
6 8	
8 6	

Reglas de Variables No correctas que produces cambio de puente + Reglas de teoria de cuantividad que realiza cambio de lado

Variables No correctas   Cuantividad
Lado 1

1 4	=	1 5
4 1	=	4 8
2 3	=	2 6
3 2	=	3 7

Lado 2

5 8	=	5 1
8 5	=	8 4
6 7	=	6 2
7 6	=	7 3