	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	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
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

		e				

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
1	1	Sev	Izn	Bo_1/Bo_0	7	5

		f				

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
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	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	
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	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
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

	k					

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	0	Sev	Lic	Bo_1/Be_1	4	3
1	1	Sev	Izn	Bo_1/Bo_0	7	5

	l					

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
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	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	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	0	Sev	Izn	Bo_1/Be_1	7	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	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
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	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
1	1	Sev	Izn	Bo_1/Bo_0	7	5

				t		

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	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

			u			

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	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

			v			

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	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	1	Sev	Izn	Be_1/Bo_1	8	7
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	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
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