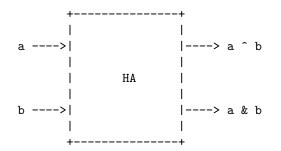
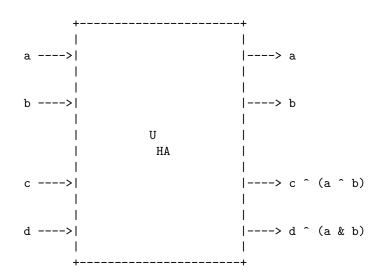
1 Reversible Half Aadder

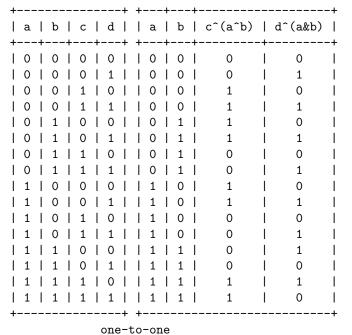
Half-Adder:



+-								- 4
İ	a	I	b	I	a^b	I	a&b	İ
+-		- -		- -				-
1	0	1	0	1	0	1	0	١
	0	1	1	1	1	1	0	١
	1		0		1	1	0	١
	1	1	1	1	0	1	1	1
+-								+

reversible:





quantum-circuit:

-

