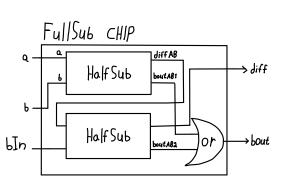


a	Ь	Jiff	bout
1	1	0	٥
1	0	1	0
0	1	1	1
0	0	0	0

diff=a-b bout=Borrow	(k

(2

(۲



a	Ь	Ып	diff	bout
1	1	4	1	4
1	1	٥	٥	٥
1	0	1	0	0
1	0	0	1	٥
Ó	1	1	ø	1
O	1	٥	1	1
Q	o	1	1	1
င	٥	٥	o	•

bout = Borrow

te:	s AlderSub CHIP	Cout ↑
a [ 2-	Jiff bout s cout    UX	MUX 2→1  a  b

a	Ь	cIn	control	res	cout
1	1	1	1	1	1
1	1	1	0	1	1
1	1	0	1	٥	٥
1	1	o	٥	ô	1
1	0	1	1	٥	o
1	0	1	0	٥	1
1	0	0	1	1	٥
1	Q	0	0	1	٥
0	1	1	1	0	1
0	1	1	Q	٥	1
٥	1	Q	1	1	1
D	1	0	0	1	٥
o	0	1	1	1	1
0	0	1	o	1	٥
Q	0	o	1	0	0
٥	c	0	0	٥	٥

res=a+b+c]n נשא של הסמס ב COut =

control= 0:

control=1:

res=a-b-cIn הצווה עם הסכום = Count

