

at least two 1's in a row

Qa	Qb	in	Da	Db	out
0	0	0	0	0	0
0	0	1	0	1	0
0	1	0	0	0	0
0	1	1	1	0	0
1	0	0	1	0	1
1	0	1	1	0	1
1	1	0	d	d	d
1	1	1	d	d	d

Da

	Qb'In'	Qb'In	QbIn	QbIn'
Qa'	0	0	1	0
Qa	1	1	d	d

$Da = Qa + Qb * In$

Db

	Qb'In'	Qb'In	QbIn	QbIn'
Qa'	0	1	0	0
Qa	0	0	d	d

$Db = Qa' * Qb' * In$

out

	Qb'In'	Qb'In	QbIn	QbIn'
Qa'	0	0	0	0
Qa	1	1	d	d

$out = Qa$

