

FSA Example

Three or more 1's

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

Da

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

$Da = Qa + Qb*In$

Db

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

$Db = Qb'*In + Qb*In' + Qa*Qb$

out

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

$out = Qa*Qb$

