

keys	B	A	3	8	5	F	1	0
flags ₀	0	1	0	1	0	0	0	1
flags ₁	1	0	1	0	1	1	1	0
scan ₀	0	0	1	1	2	2	2	2
scan ₁	0	1	1	2	2	3	4	5