



S₁: Sel = Cnt[0] ^ Cnt[1], selALU = Cnt[0]

S₂: push = 1, rstCnt = 1, Sel = Cnt[0] ^ Cnt[1], selALU = Cnt[0], Dout = 1, enX = sel, enY = ~sel, wr = 1, enReg = 1

S₃: pop = 1, loadCnt = 1, Sel = StkFront[0] ^ StkFront[1], enX = sel, enY = ~sel, selALU = ~stkFront[0], enReg = 1

assign X_m = X_p, Y_m = Y_p, move = stk back

Rd = 1

Date:

Subject:

