Estados:   
**ST2\_PROX** = (ST2\*!ST0) + (!ST1\*!ST0\*OP\_FSM)

**ST1\_PROX** = (!ST2\*!ST1\*ST0) + (ST1\*!ST0)

**ST0\_PROX** = (ST2\*!ST0) + (ST1\*!ST0) + (!ST0\*!OP\_FSM)

# Saídas:

**SEL\_0\_B1** = ST1 + (ST2\*ST0)

**SEL\_0\_B0** = (ST2 + ST0)

**SEL\_1\_B1** = 0

**SEL\_1\_B0** = (!ST2 \* !ST1 \* ST0) + (ST1 + !ST0)

**SEL\_2** = (ST2 + ST1)

**EN\_PC**  = (ST1\*ST0) + ST2