**DEBOUNCE FSMD ASM
(Algorithmic State Machine)**

zero

sw==1   F

T

q ← 1...1

wait0

db_level = 1

sw==0   F

T

q_next = q-1
q ← q_next

q_next==0   F

T

one

db_level = 1

sw==0   F

T

q ← 1...1