

MACCHINA\_DEL\_CAFFE

CTS10 := 0b00010000  
CTS20 := 0b00100000  
CTS50 := 0b01000000  
CHF1 := 0b10000000  
BUY := 0b00000001

LED -> LED\_SET\_RED

COFFEE\_PRICE := 130  
PREV\_STATUS := 0  
CREDIT := 0

INPUT\_STATUS := read C & 0xF1

INPUT\_STATUS <> PREV\_STATUS

V

F

INPUT\_STATUS

CTS10

CTS20

CTS50

CHF1

BUY

CREDIT := CREDIT + 10

CREDIT := CREDIT + 20

CREDIT := CREDIT + 50

CREDIT := CREDIT + 100

CREDIT >= COFFEE\_PRICE

V

F

LED -> LED\_BLINK\_BLUE

LED -> LED\_BLINK\_RED

CREDIT := CREDIT - COFFEE\_PRICE

PROCEDURE\_PREPARE\_COFFEE()

CREDIT >= COFFEE\_PRICE

V

F

LED -> LED\_SET\_GREEN

LED -> LED\_SET\_RED