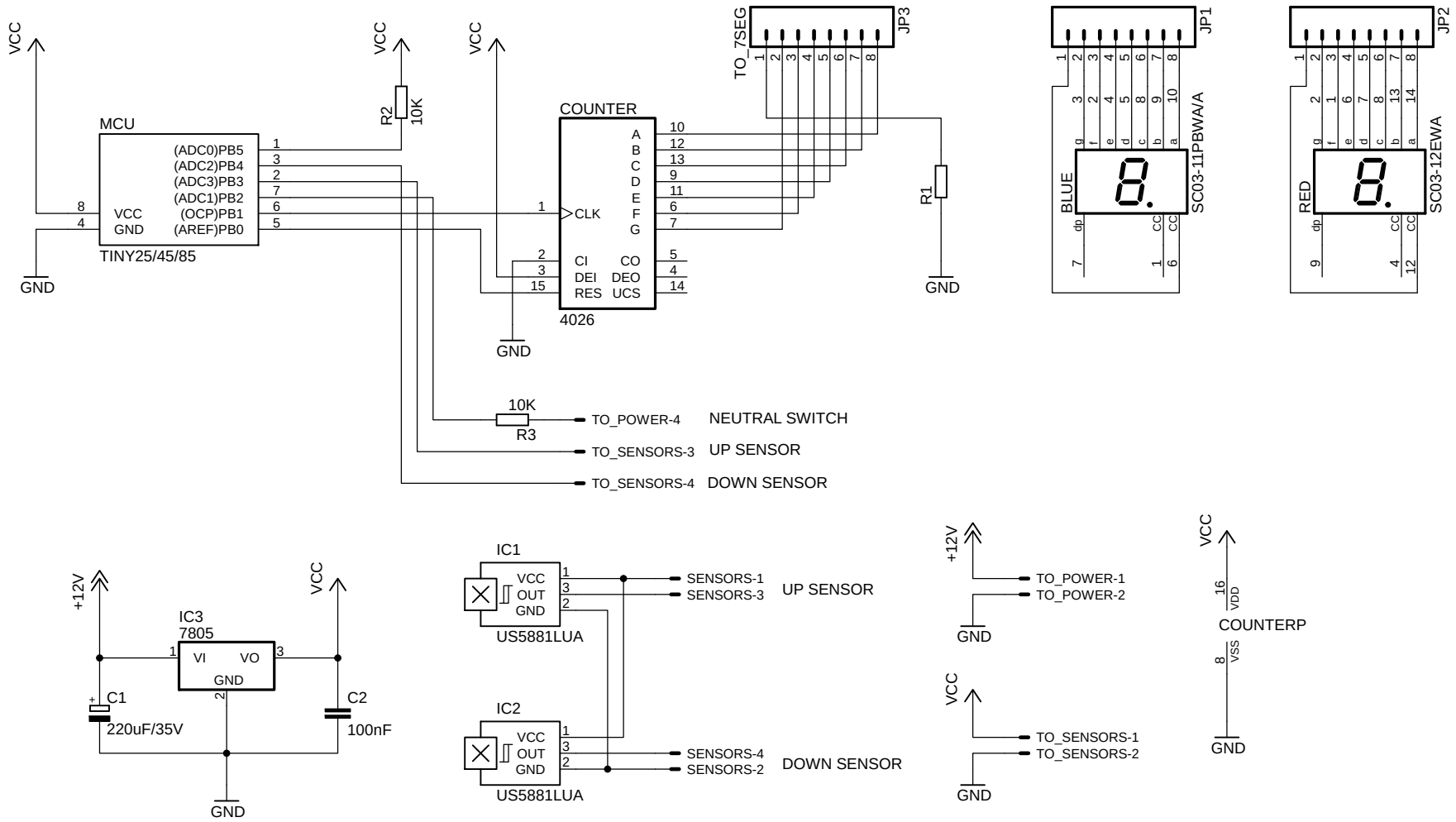
VCC
GND
MCU
(ADC0)PB5
(ADC2)PB4
(ADC3)PB3
(ADC1)PB2
(OCP)PB1
(AREF)PB0
VCC
GND
TINY25/45/85
R2
10K
COUNTER
CLK
CI
DEI
RES
A
B
C
D
E
F
G
CO
DEO
UCS
4026
TO_7SEG
JP3
R1
JP1
BLUE
SC03-11PBWA/A
JP2
RED
SC03-12EWA
10K
R3
TO_POWER-4
NEUTRAL SWITCH
TO_SENSORS-3
UP SENSOR
TO_SENSORS-4
DOWN SENSOR
+12V
IC3
7805
VI
VO
C1
220uF/35V
C2
100nF
IC1
VCC
OUT
US5881LUA
SENSORS-1
SENSORS-3
UP SENSOR
IC2
SENSORS-4
SENSORS-2
DOWN SENSOR
TO_POWER-1
TO_POWER-2
TO_SENSORS-1
TO_SENSORS-2
COUNTERP
VDD
VSS