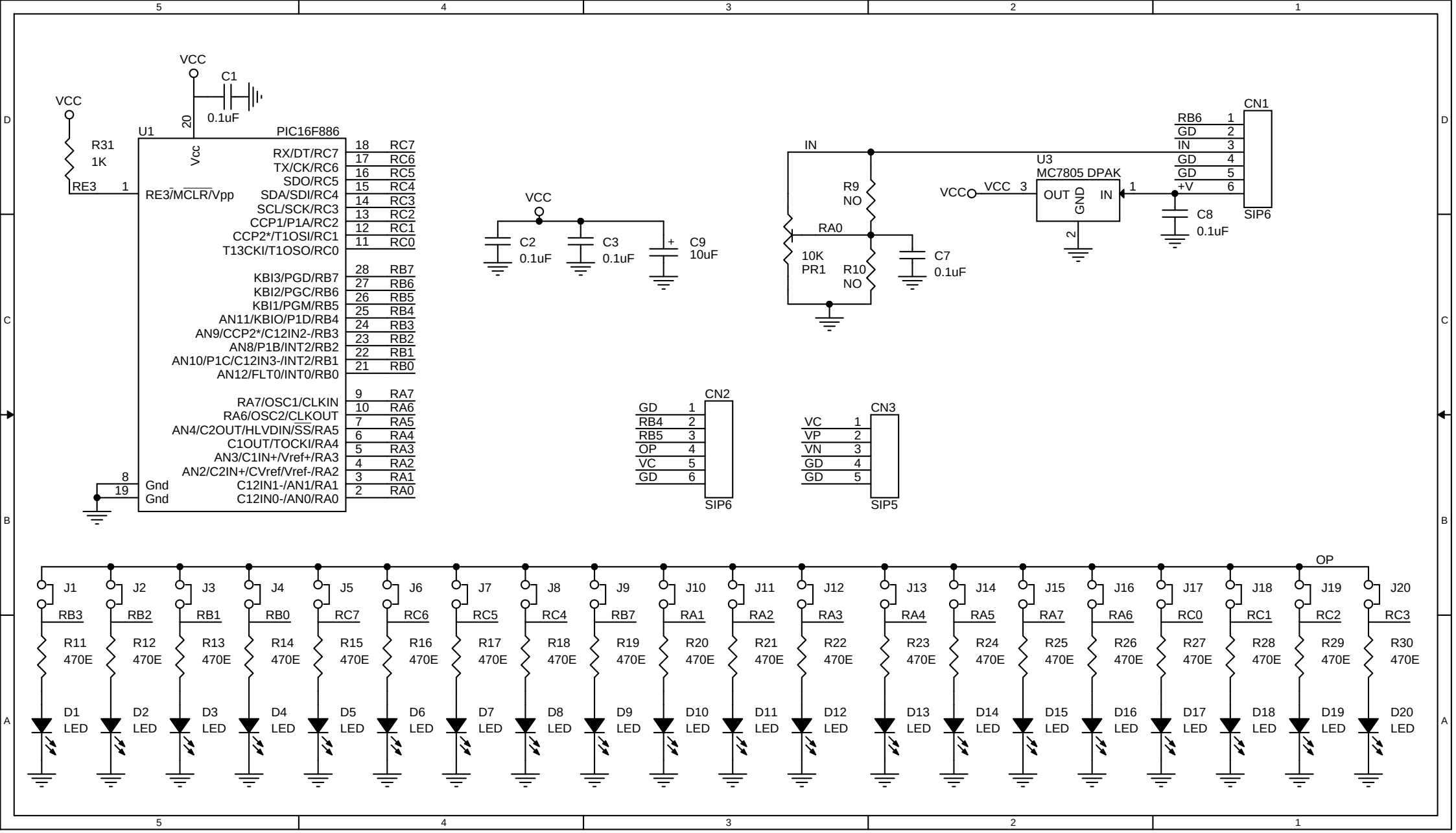
VCC
C1
0.1uF
VCC
R31
1K
RE3
U1
PIC16F886
20
Vcc
RX/DT/RC7
TX/CK/RC6
SDO/RC5
SDA/SDI/RC4
SCL/SCK/RC3
CCP1/P1A/RC2
CCP2*/T1OSI/RC1
T13CKI/T1OSO/RC0
RE3/MCLR/Vpp
KBI3/PGD/RB7
KBI2/PGC/RB6
KBI1/PGM/RB5
AN11/KBIO/P1D/RB4
AN9/CCP2*/C12IN2-/RB3
AN8/P1B/INT2/RB2
AN10/P1C/C12IN3-/INT2/RB1
AN12/FLT0/INT0/RB0
RA7/OSC1/CLKIN
RA6/OSC2/CLKOUT
AN4/C2OUT/HLVDIN/SS/RA5
C1OUT/TOCKI/RA4
AN3/C1IN+/Vref+/RA3
AN2/C2IN+/CVref/Vref-/RA2
C12IN1-/AN1/RA1
C12IN0-/AN0/RA0
Gnd
Gnd
VCC
C2
0.1uF
C3
0.1uF
C9
10uF
IN
R9
NO
RA0
10K
PR1
R10
NO
C7
0.1uF
U3
MC7805 DPAK
VCC
VCC
OUT
GND
IN
C8
0.1uF
CN1
RB6
GD
IN
GD
GD
+V
SIP6
CN2
GD
RB4
RB5
OP
VC
GD
SIP6
CN3
VC
VP
VN
GD
GD
SIP5
OP
J1 J2 J3 J4 J5 J6 J7 J8 J9 J10 J11 J12 J13 J14 J15 J16 J17 J18 J19 J20
RB3 RB2 RB1 RB0 RC7 RC6 RC5 RC4 RB7 RA1 RA2 RA3 RA4 RA5 RA7 RA6 RC0 RC1 RC2 RC3
R11 R12 R13 R14 R15 R16 R17 R18 R19 R20 R21 R22 R23 R24 R25 R26 R27 R28 R29 R30
470E
D1 D2 D3 D4 D5 D6 D7 D8 D9 D10 D11 D12 D13 D14 D15 D16 D17 D18 D19 D20
LED