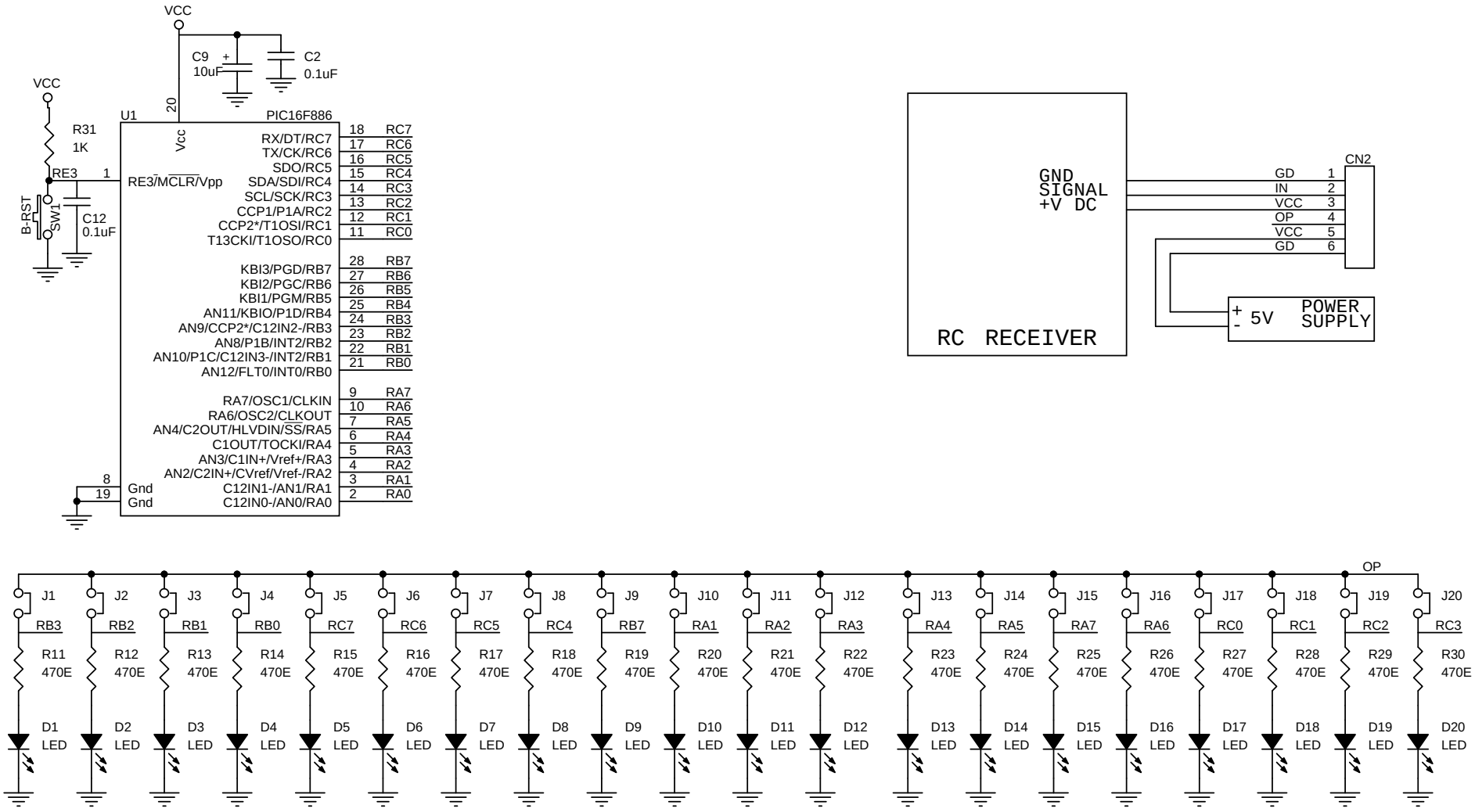
VCC
C9
10uF
C2
0.1uF
VCC
R31
1K
U1
PIC16F886
20
Vcc
RE3
1
RE3/MCLR/Vpp
B-RST
SW1
C12
0.1uF
RX/DT/RC7 18 RC7
TX/CK/RC6 17 RC6
SDO/RC5 16 RC5
SDA/SDI/RC4 15 RC4
SCL/SCK/RC3 14 RC3
CCP1/P1A/RC2 13 RC2
CCP2*/T1OSI/RC1 12 RC1
T13CKI/T1OSO/RC0 11 RC0
KBI3/PGD/RB7 28 RB7
KBI2/PGC/RB6 27 RB6
KBI1/PGM/RB5 26 RB5
AN11/KBIO/P1D/RB4 25 RB4
AN9/CCP2*/C12IN2-/RB3 24 RB3
AN8/P1B/INT2/RB2 23 RB2
AN10/P1C/C12IN3-/INT2/RB1 22 RB1
AN12/FLT0/INT0/RB0 21 RB0
RA7/OSC1/CLKIN 9 RA7
RA6/OSC2/CLKOUT 10 RA6
AN4/C2OUT/HLVDIN/SS/RA5 7 RA5
C1OUT/TOCKI/RA4 6 RA4
AN3/C1IN+/Vref+/RA3 5 RA3
AN2/C2IN+/CVref/Vref-/RA2 4 RA2
C12IN1-/AN1/RA1 3 RA1
C12IN0-/AN0/RA0 2 RA0
8 Gnd
19 Gnd
GND
SIGNAL
+V DC
RC RECEIVER
CN2
GD 1
IN 2
VCC 3
OP 4
VCC 5
GD 6
+ 5V -
POWER SUPPLY
OP
J1 RB3 R11 470E D1 LED
J2 RB2 R12 470E D2 LED
J3 RB1 R13 470E D3 LED
J4 RB0 R14 470E D4 LED
J5 RC7 R15 470E D5 LED
J6 RC6 R16 470E D6 LED
J7 RC5 R17 470E D7 LED
J8 RC4 R18 470E D8 LED
J9 RB7 R19 470E D9 LED
J10 RA1 R20 470E D10 LED
J11 RA2 R21 470E D11 LED
J12 RA3 R22 470E D12 LED
J13 RA4 R23 470E D13 LED
J14 RA5 R24 470E D14 LED
J15 RA7 R25 470E D15 LED
J16 RA6 R26 470E D16 LED
J17 RC0 R27 470E D17 LED
J18 RC1 R28 470E D18 LED
J19 RC2 R29 470E D19 LED
J20 RC3 R30 470E D20 LED