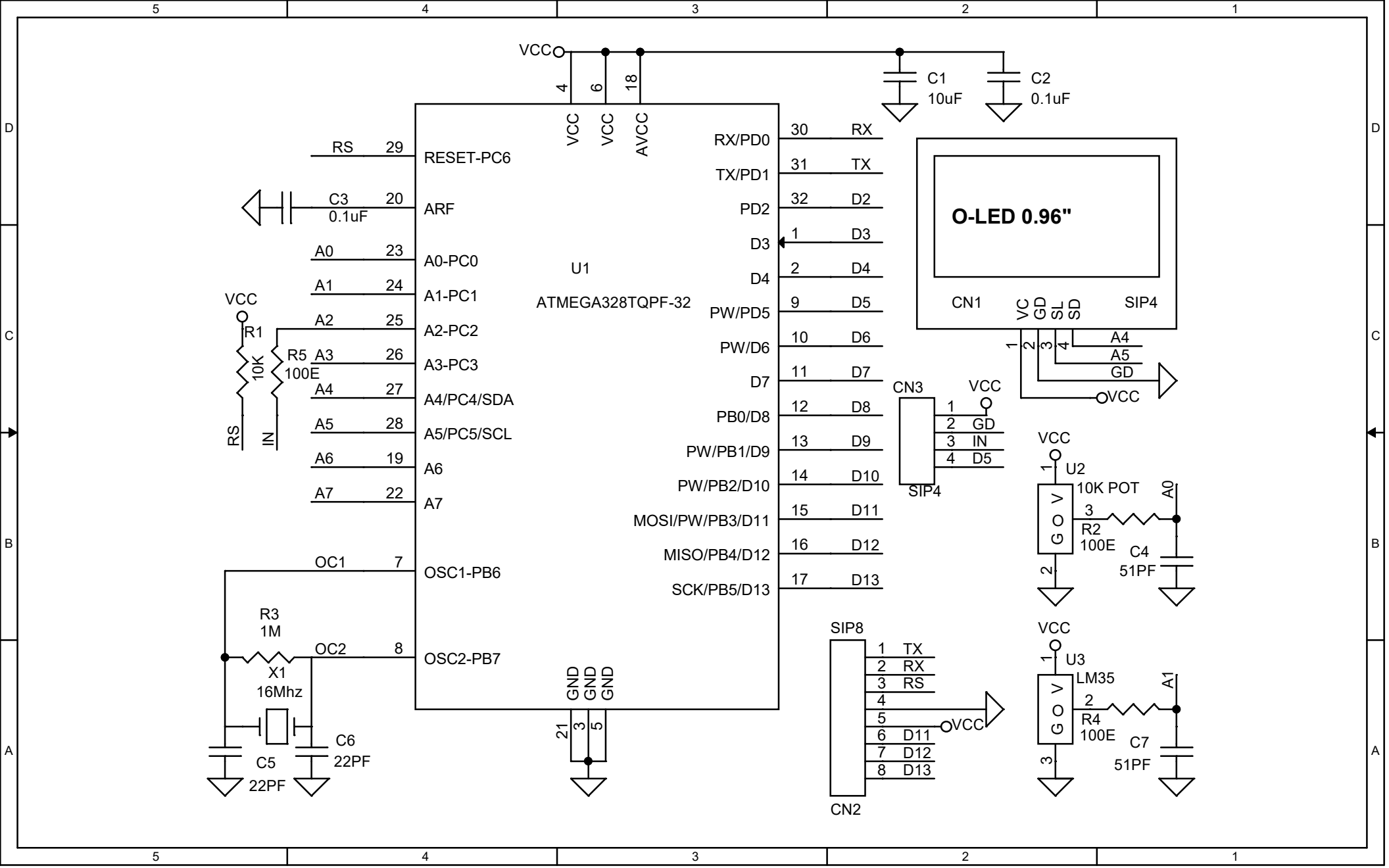
VCC
C1
10uF
C2
0.1uF
4
6
18
VCC
VCC
AVCC
U1
ATMEGA328TQPF-32
RS
29
RESET-PC6
C3
0.1uF
20
ARF
A0
23
A0-PC0
A1
24
A1-PC1
A2
25
A2-PC2
A3
26
A3-PC3
A4
27
A4/PC4/SDA
A5
28
A5/PC5/SCL
A6
19
A6
A7
22
A7
OC1
7
OSC1-PB6
OC2
8
OSC2-PB7
21
3
5
GND
GND
GND
RX/PD0
30
RX
TX/PD1
31
TX
PD2
32
D2
D3
1
D3
D4
2
D4
PW/PD5
9
D5
PW/D6
10
D6
D7
11
D7
PB0/D8
12
D8
PW/PB1/D9
13
D9
PW/PB2/D10
14
D10
MOSI/PW/PB3/D11
15
D11
MISO/PB4/D12
16
D12
SCK/PB5/D13
17
D13
VCC
R1
10K
R5
100E
RS
IN
A3
O-LED 0.96"
CN1
VC
GD
SL
SD
SIP4
1
2
3
4
A4
A5
GD
VCC
CN3
VCC
1
2
GD
3
IN
4
D5
SIP4
VCC
U2
10K POT
G
O
V
3
R2
100E
A0
C4
51PF
R3
1M
X1
16Mhz
C5
22PF
C6
22PF
SIP8
1
TX
2
RX
3
RS
4
5
VCC
6
D11
7
D12
8
D13
CN2
VCC
U3
LM35
R4
100E
A1
C7
51PF