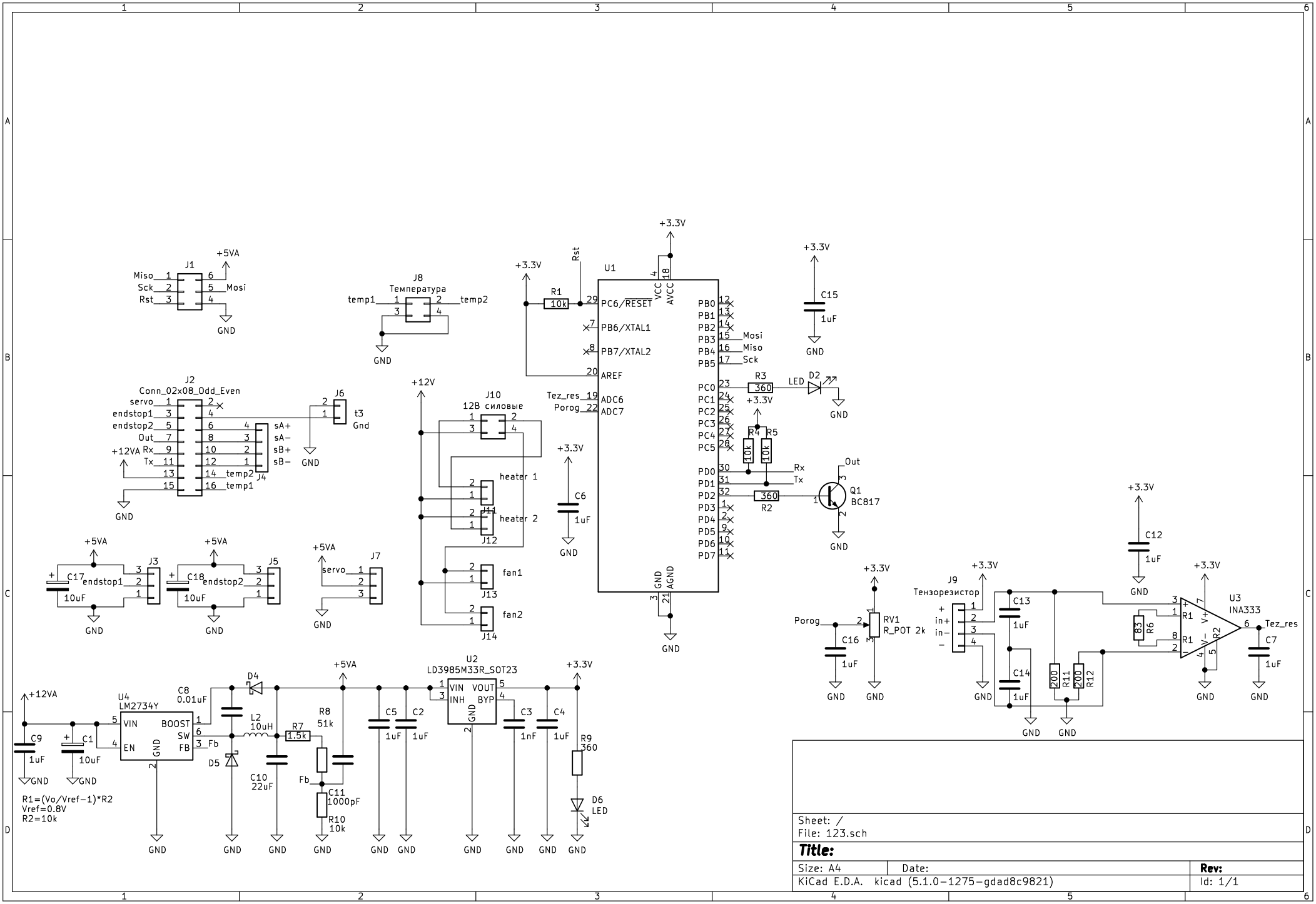
J1
Miso
Sck
Rst
Mosi
+5VA
GND
J8
Температура
temp1
temp2
U1
PC6/RESET
PB6/XTAL1
PB7/XTAL2
AREF
ADC6
ADC7
VCC
AVCC
GND
AGND
PB0
PB1
PB2
PB3
PB4
PB5
PC0
PC1
PC2
PC3
PC4
PC5
PD0
PD1
PD2
PD3
PD4
PD5
PD6
PD7
Tez_res
Porog
Rst
Rx
Tx
Out
+3.3V
R1
10k
R2
360
R3
360
R4
10k
R5
10k
LED
D2
Q1
BC817
C15
1uF
C6
1uF
J2
Conn_02x08_Odd_Even
servo
endstop1
endstop2
Out
Rx
Tx
+12VA
temp2
temp1
J4
sA+
sA−
sB+
sB−
J6
t3
Gnd
+12V
J10
12В силовые
heater 1
heater 2
J11
J12
fan1
fan2
J13
J14
J3
J5
J7
C17
C18
10uF
endstop1
endstop2
servo
J9
Тензорезистор
in+
in−
RV1
R_POT 2k
C16
1uF
C13
1uF
C14
1uF
R11
200
R12
200
C12
1uF
U3
INA333
R1
R2
R6
83
C7
1uF
Tez_res
U4
LM2734Y
VIN
EN
BOOST
SW
FB
GND
C8
0.01uF
D4
D5
L2
10uH
R7
1.5k
R8
51k
C10
22uF
C11
1000pF
R10
10k
Fb
C9
1uF
C1
10uF
+12VA
R1=(Vo/Vref−1)*R2
Vref=0.8V
R2=10k
U2
LD3985M33R_SOT23
VIN
INH
VOUT
BYP
C5
1uF
C2
1uF
C3
1nF
C4
1uF
R9
360
D6
LED
Sheet: /
File: 123.sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad (5.1.0-1275-gdad8c9821)
Id: 1/1