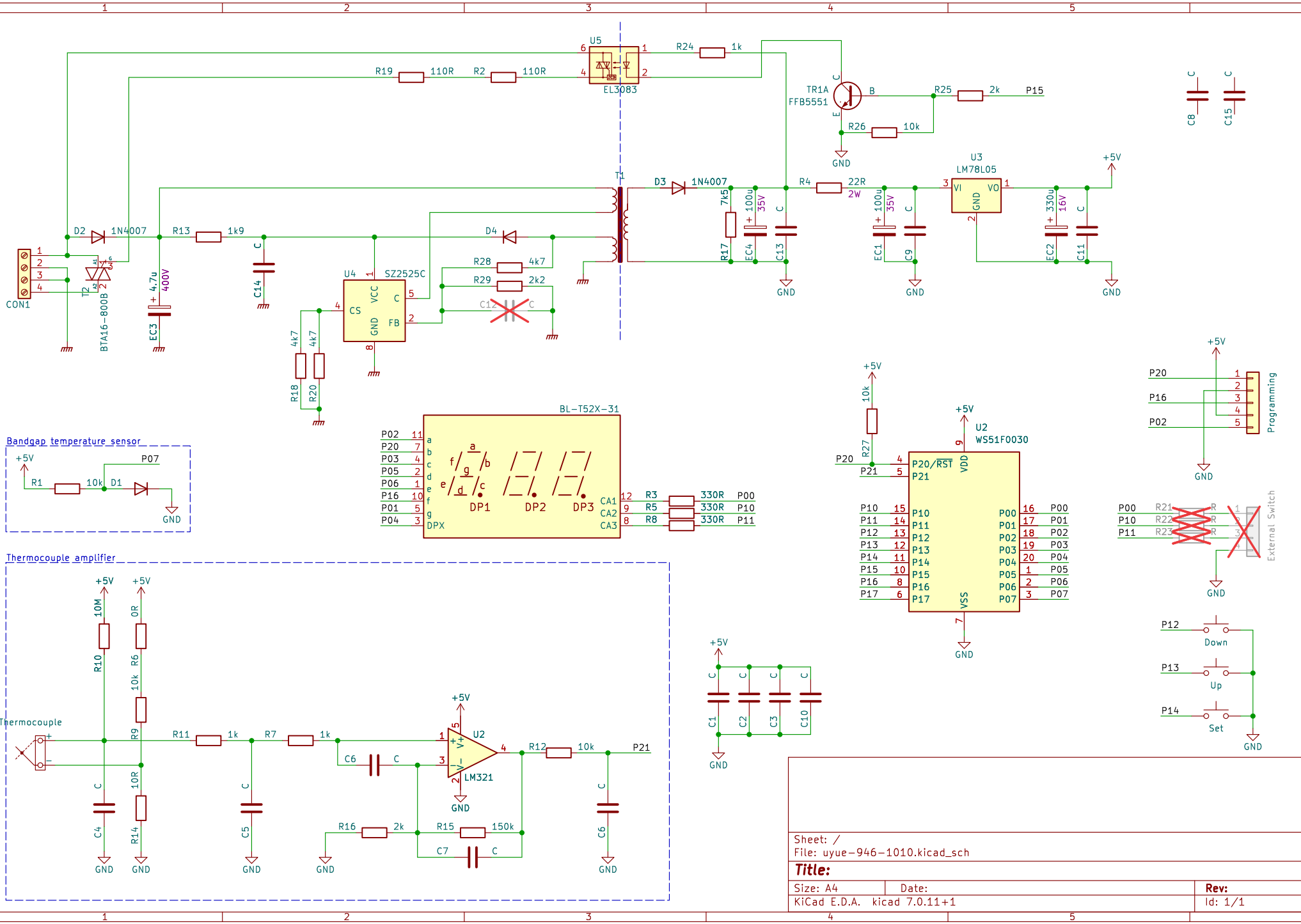
U5
EL3083
R19 110R
R2 110R
R24 1k
TR1A
FFB5551
R25 2k
P15
R26 10k
GND
C8
C15
U3
LM78L05
VI
VO
GND
+5V
T1
D3 1N4007
R4 22R
2W
7k5
R17
EC4 + 100u 35V
C13
EC1 + 100u 35V
C9
EC2 + 330u 16V
C11
D2 1N4007
R13 1k9
D4
CON1
BTA16-800B
EC3 + 4.7u 400V
C14
U4
SZ2525C
CS
VCC
GND
FB
R28 4k7
R29 2k2
C12
4k7
4k7
R18
R20
BL-T52X-31
P02
P20
P03
P05
P06
P16
P01
P04
DPX
DP1
DP2
DP3
CA1
CA2
CA3
R3 330R P00
R5 330R P10
R8 330R P11
Bandgap temperature sensor
+5V
P07
R1
10k
D1
GND
Thermocouple amplifier
10M
R10
0R
R6
10k
R9
10R
R14
C4
C5
C6
R11 1k
R7 1k
U2
LM321
R12 10k
P21
R16 2k
R15 150k
C7
C1
C2
C3
C10
10k
R27
U2
WS51F0030
P20/RST
P21
VDD
VSS
P10
P11
P12
P13
P14
P15
P16
P17
P00
P01
P02
P03
P04
P05
P06
P07
Programming
External Switch
R21
R22
R23
P12
Down
P13
Up
P14
Set
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File: uyue-946-1010.kicad_sch
Title:
Size: A4
Date:
Rev:
KiCad E.D.A. kicad 7.0.11+1
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