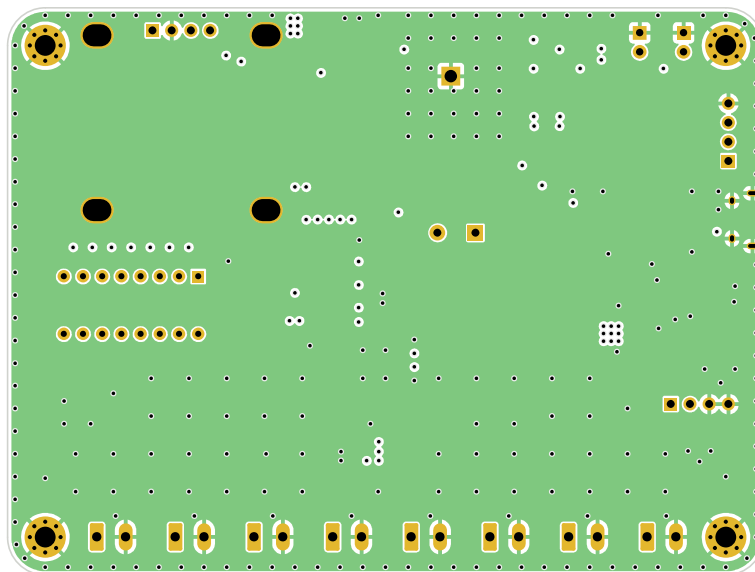Sheet:
File: Temperature_Data_Logger.kicad_pcb

*Title: 8 Channel K Thermocouple Temperature Data Logger*

| Size: A4 | Date: 2022-01-05 | **Rev: 1.0** |
| KiCad E.D.A.  kicad (6.0.0) | | Id: 1/1 |

*Title: 8 Channel K Thermocouple Temperature Data Logger*

| Size: A4 | Date: 2022-01-05 | **Rev: 1.0** |
| KiCad E.D.A.  kicad (6.0.0) | | Id: 1/1 |

Sheet:
File: Temperature_Data_Logger.kicad_pcb

**Title: 8 Channel K Thermocouple Temperature Data Logger**

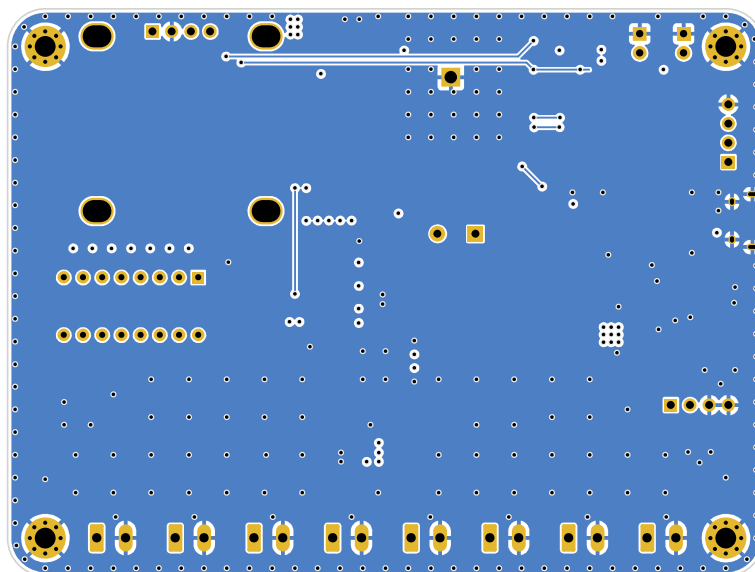| Size: A4 | Date: 2022-01-05 | **Rev: 1.0** |
| KiCad E.D.A.  kicad (6.0.0) | | Id: 1/1 |

Sheet:
File: Temperature_Data_Logger.kicad_pcb

**Title: 8 Channel K Thermocouple Temperature Data Logger**

| Size: A4 | Date: 2022-01-05 | Rev: 1.0 |
| --- | --- | --- |
| KiCad E.D.A.  kicad (6.0.0) | | Id: 1/1 |

Antenna Area

U4
GND VDD SCL SDA

TP4
R23
ACT PWR

R22 R20 R25

PROG J1
GND
TXD0
RXD0
+3V3

R3
R2

TP5
TP6

TP7 BZ1 TP8

D2

D1

R15
R16
U3

D5
C6

L2

C11

Q1

JP2
U5

JP3

TP3

C13

C12
L3
L5
C10

J2

U6

CHAN 1 2 3 4 5 6 7 8

D4

T+ T−

SW2

RESET D12 CH 1 D14 CH 2 D15 CH 3 D13 CH 4 D11 CH 5 D8 CH 6 D9 CH 7 D16 CH 8 BOOT
J9 J11 J12 J10 J8 J5 J6 J7

Sheet:
File: Temperature_Data_Logger.kicad_pcb
Title: 8 Channel K Thermocouple Temperature Data Logger
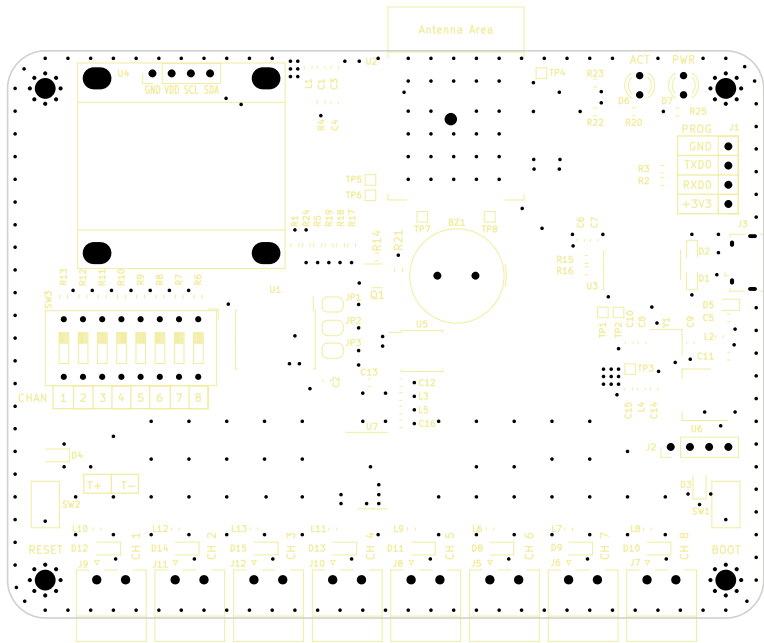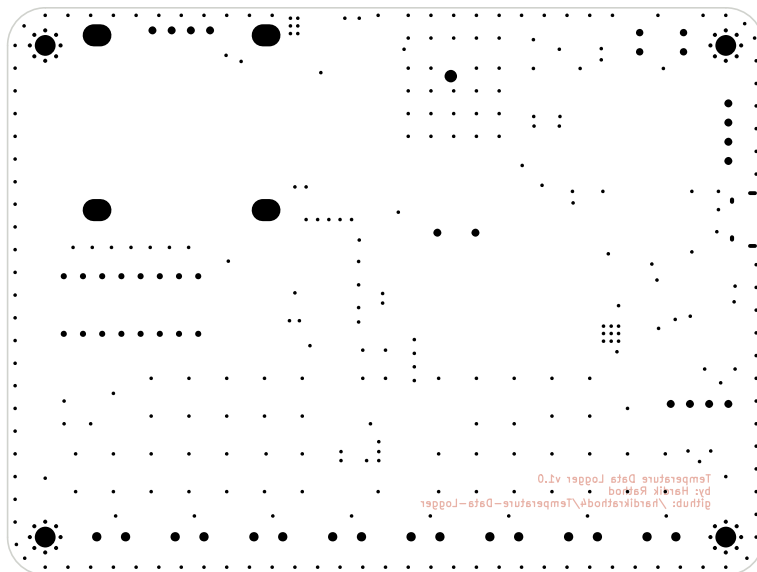Size: A4 | Date: 2022-01-05 | Rev: 1.0
KiCad E.D.A.  kicad (6.0.0) | Id: 1/1

Temperature Data Logger v1.0
by: Hardik Rathod
github: /hardikrathod4/Temperature-Data-Logger

Sheet:
File: Temperature_Data_Logger.kicad_pcb

*Title: 8 Channel K Thermocouple Temperature Data Logger*

| Size: A4 | Date: 2022-01-05 | **Rev: 1.0** |
| KiCad E.D.A.  kicad (6.0.0) | | Id: 1/1 |