

ICSP

J1

3V3

TP1

5V

TP3

VIN

TP2

C1

R3

R1

J3

D1

J2

D2

D3

R2

IO2

TP7

IO1

CTS

TP5

TX

RX

TP6

RTS

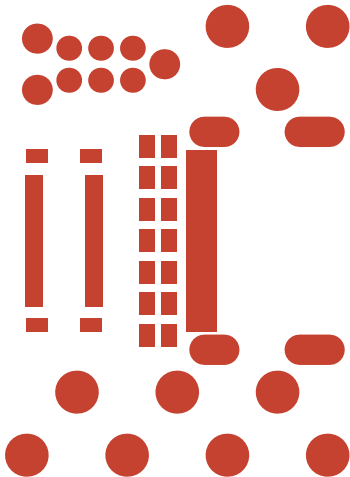
GND

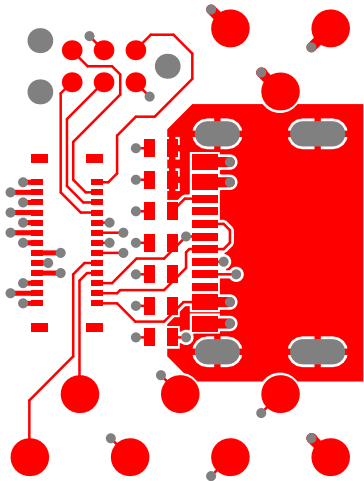
TP4

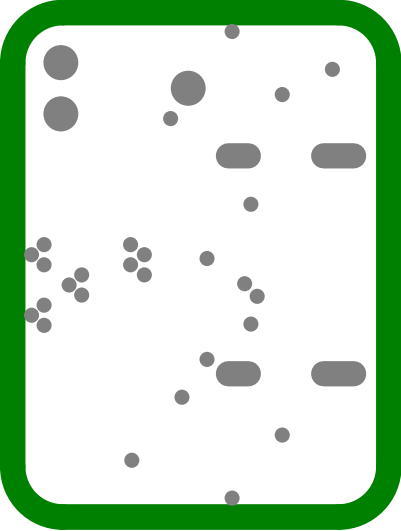
TP4

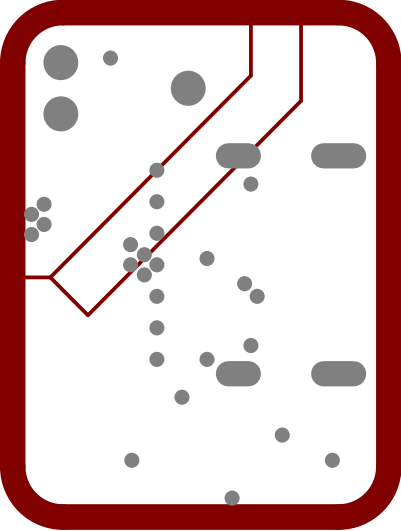
TP8

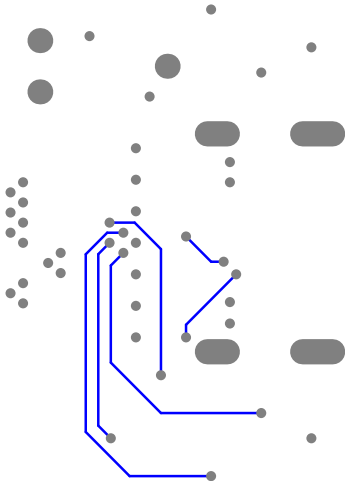
TP8







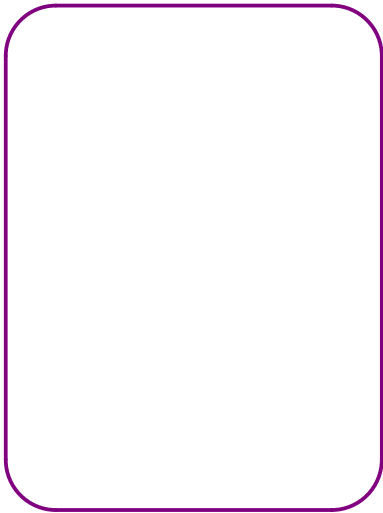




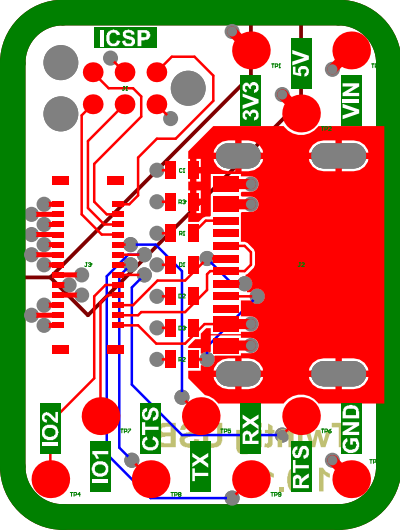


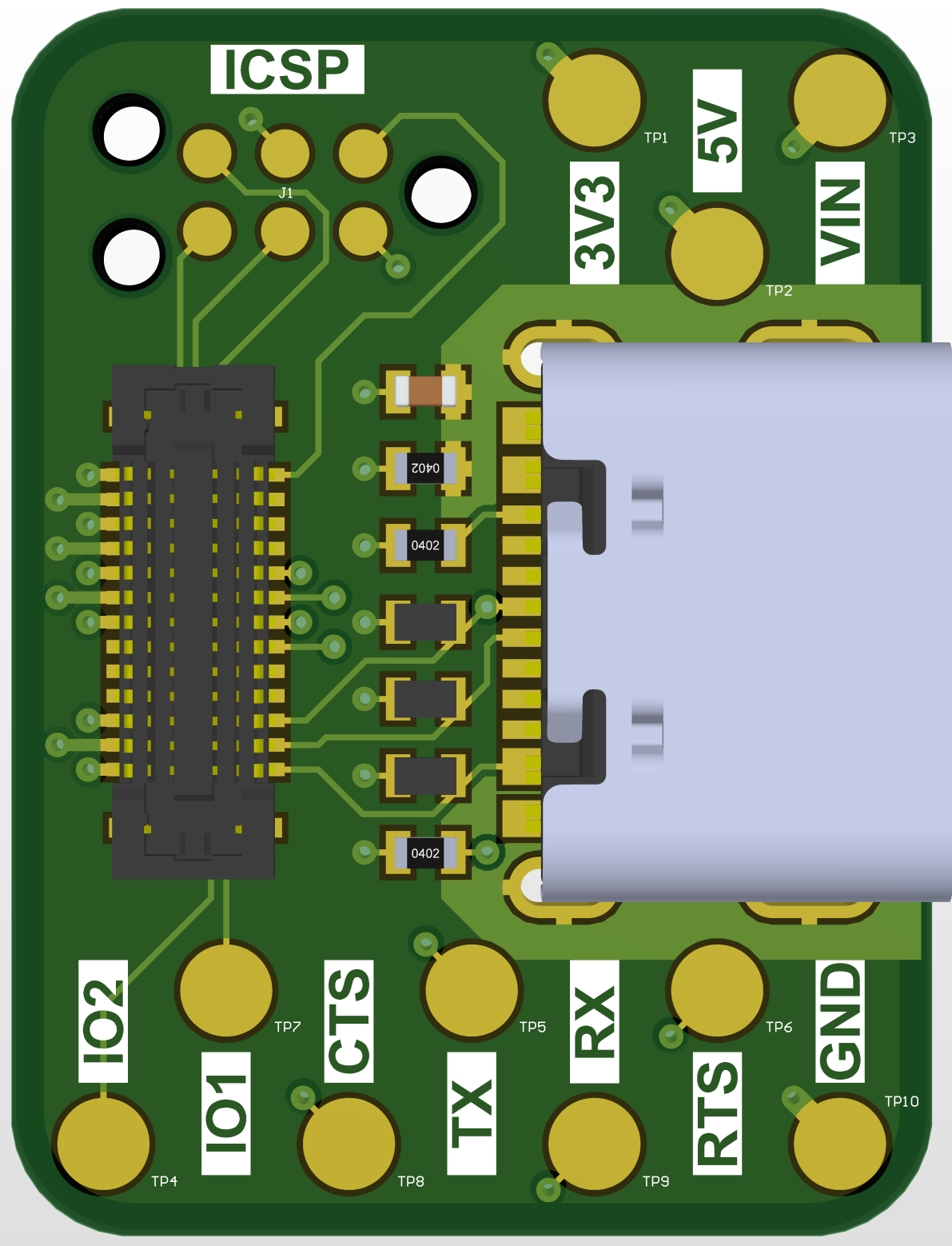


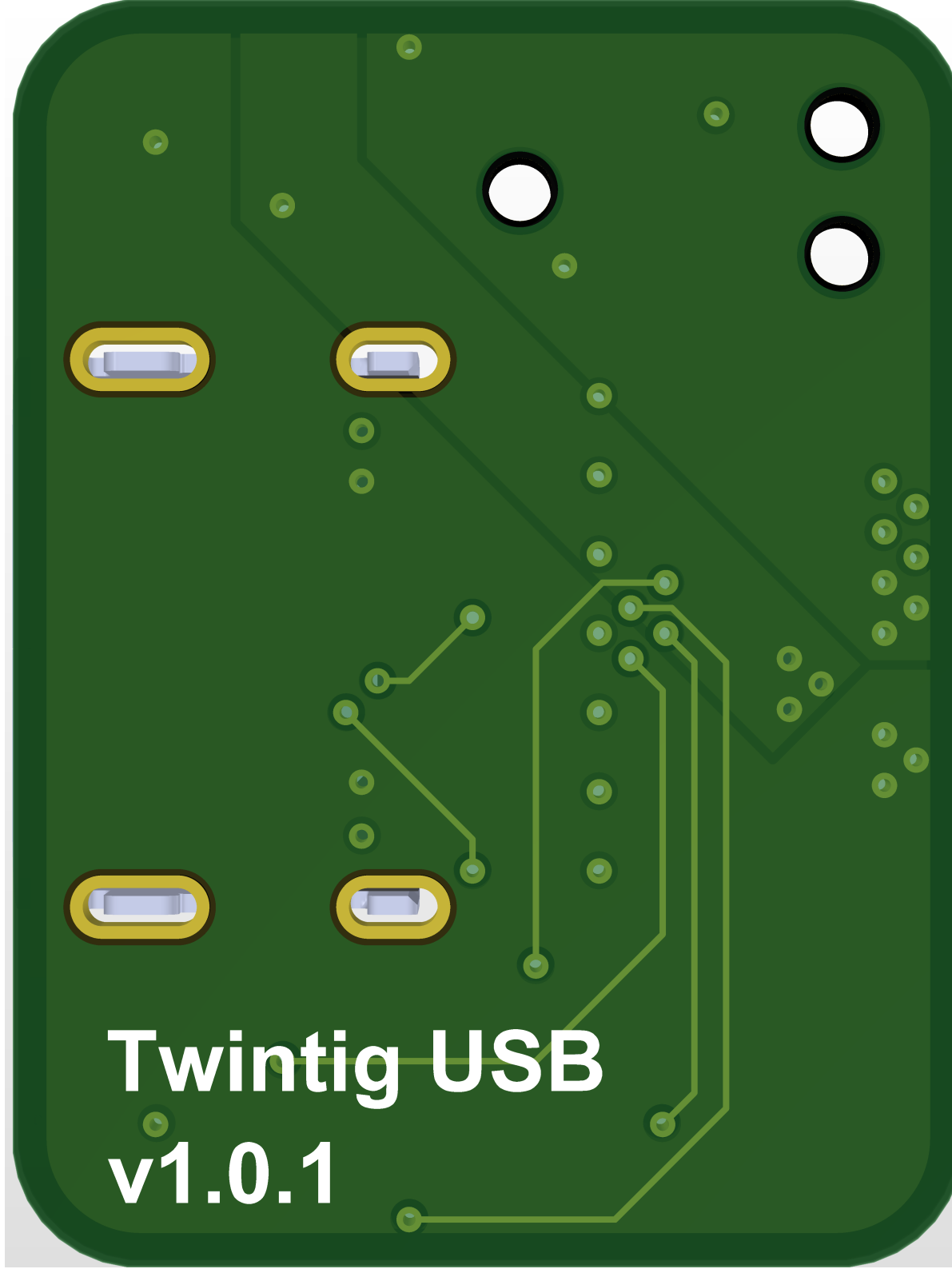
Twintig USB  
v1.0.1











**Twintig USB**  
**v1.0.1**



**ICSP**

J1

TP1

**3V3**

**5V**

TP2

**VIN**

TP3

J3

J2

C1

R3

R1

D1

D2

D3

R2

**IO2**

TP4

**IO1**

TP7

**CTS**

TP8

**TX**

TP5

**RX**

TP9

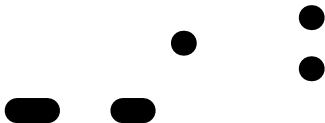
**RTS**

TP6

**GND**

TP10





**Twintig USB**  
**v1.0.1**

Designator	Quantity	Comment	Footprint
C1	1	4.7nF	Capacitor 0402
D1, D2, D3	3	SP0402B-ULC-01ETG	Diode TVS 0402
J1	1	DNP	Tag Connect No Legs
J2	1	Molex 217179-0001	Molex 217179-0001
J3	1	Molex 502426-2630	Molex 502426-2630
R1, R2	2	5.1kR	Resistor 0402
R3	1	1MR	Resistor 0402
TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP9, TP10	10	Test Point	Test Point 1.5mm