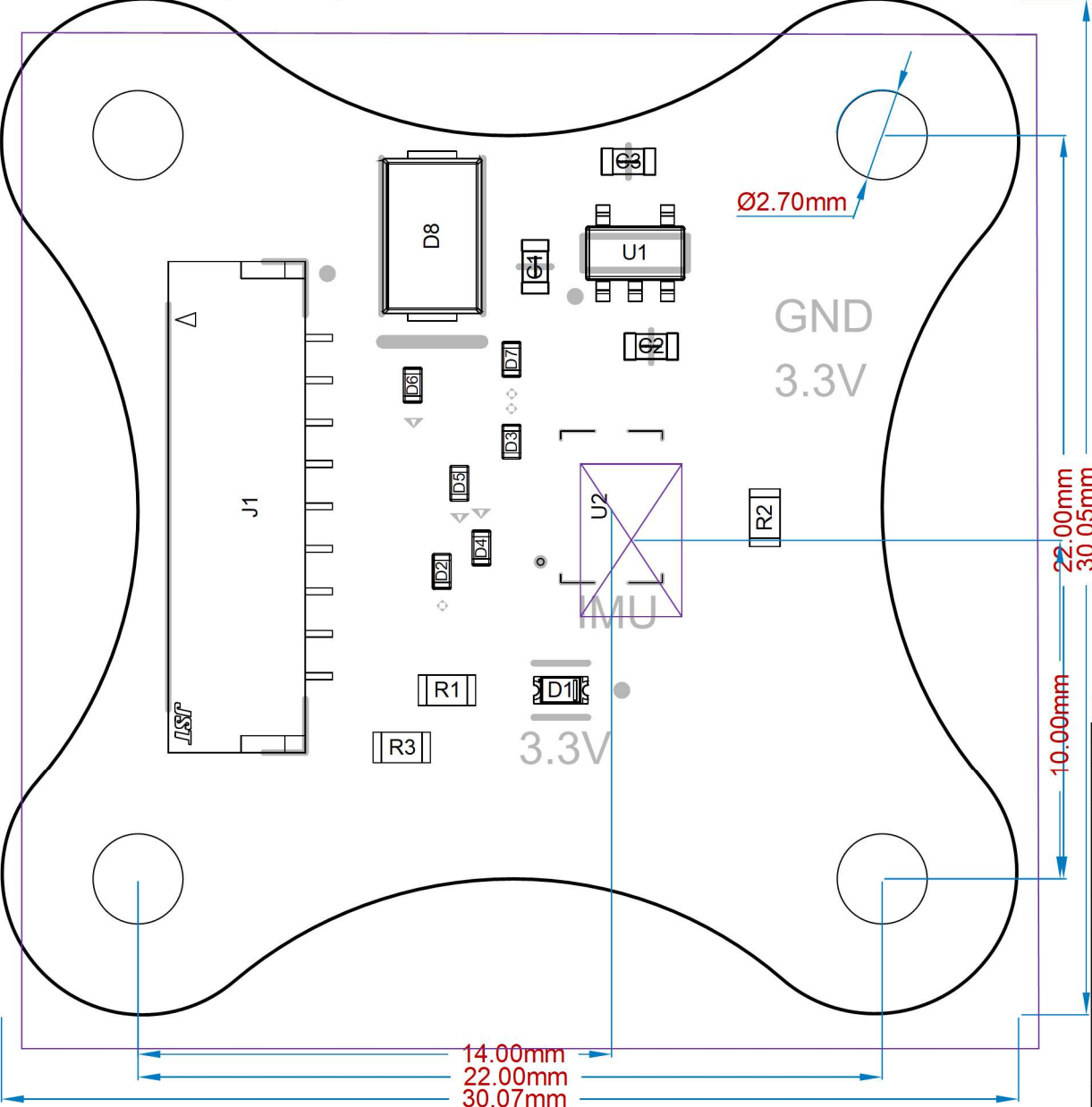
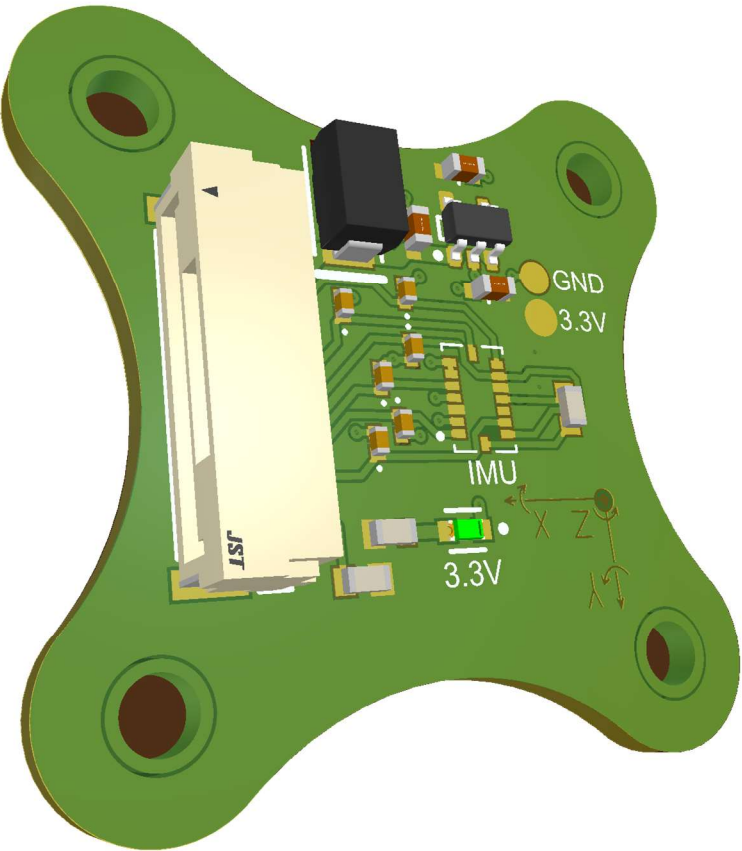


View from Top side (Scale 5:1)



Realistic View



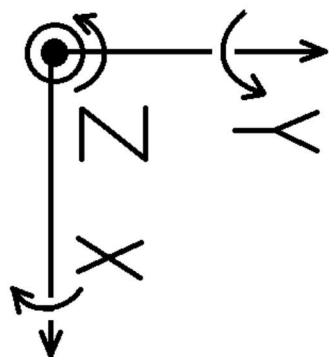
Bill Of Materials

Designator	Quantity	Description	Supplier Part Number 1
C1, C2, C3	3	Capacitor 1uF 25V 0603	587-3467-1-ND
D1	1	LED GREEN DIFFUSED 0603 SMD	511-1585-1-ND
D2, D3, D4, D5, D6, D7	6	TVS Protection Diode 3.3V SMAJ Transient Voltage Suppressor Diode Series, 3.5 V, -55 to 150 degC, 2-Pin SMA, RoHS, Tape and Reel	RCLAMP3321P.TNTCT-ND
D8	1	SMAJ Transient Voltage Suppressor Diode Series, 3.5 V, -55 to 150 degC, 2-Pin SMA, RoHS, Tape and Reel	SMAJ5.0ABCT-ND
J1	1	CONN HEADER SMD R/A 9POS 1.25MM	455-1571-1-ND
R1	1	Chip Resistor, 120 Ohm, +/- 1%, 100 mW, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	311-120HRCT-ND
R2, R3	2	Chip Resistor, 0 Ohm, +/- 5%, 0.1 W, -55 to 155 degC, 0603 (1608 Metric), RoHS, Tape and Reel	311-0.0GRCT-ND
U1	1	150mA Linear Voltage Regulator for Digital Applications, 5-pin SOT-23, Pb-Free	296-50574-1-ND
U2	1	IMU ACCEL/GYRO 6-AXIS	262-BMI088

A B C D E

View from Top side (Scale 5:1)

Testpoint
3,3V& GND



M2.5 (2.7m) Mounting
holes

Power Led

3,3V Output enable
by bridging R3

Connector: SM09B-GHS-TB(LF)(SN) (Digi-Key:
455-1571-1-ND)
Receptacle: GHR-09V-S (Digi-Key: 455-1599-ND)

5V In CS2 SCL INT Accel GND
CS1 SDI SDO 3,3V

1

2

3

4

1

2

3

4

A B C D E