CAN_IMU rev.C is compatible with Murata SCHA63X 6-axis gyroscope and accelerometer sensor, which has much better characteristics compared to the integrated gyroscope and accelerometer. The interconnection diagram is provided for the custom PCB (sources are available on the CAN_IMU rev.C product page)
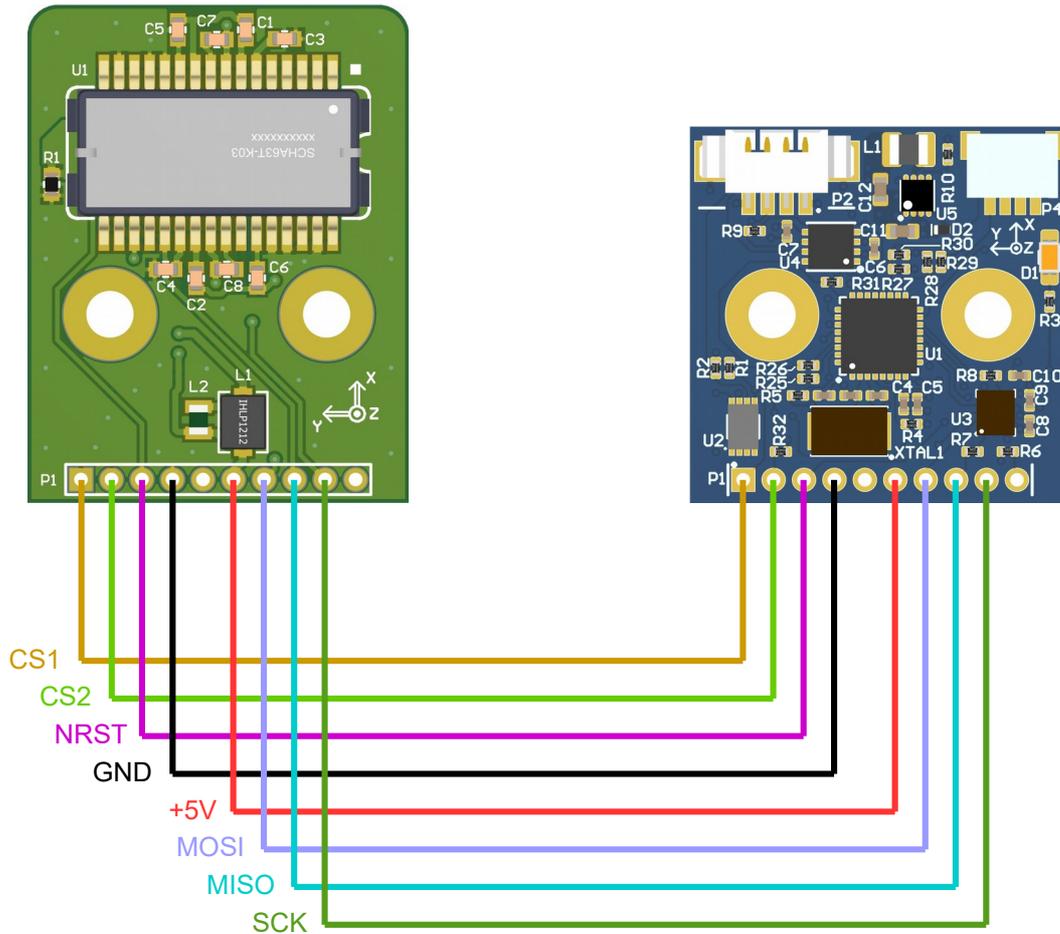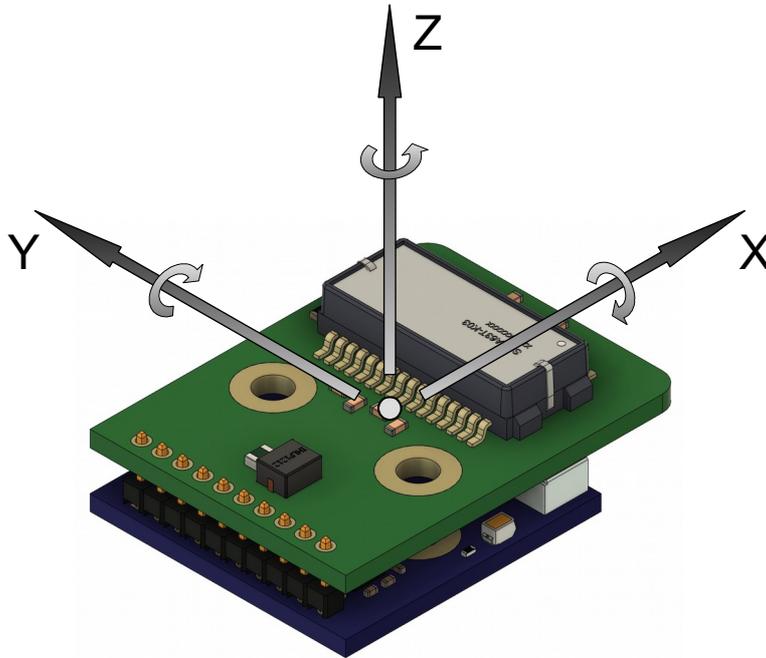

Fig.1 Connection between modules

Fig.2 Measurement Axis and Directions

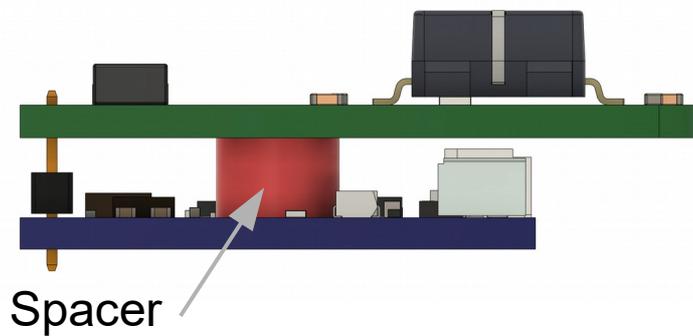The installation requires spacers of 3.9-4mm height (D5.5-6mm) on mounting holes (Fig.3)

Spacer

Fig.3 Spacers between boards