Calibration of the accelerometer

1. To get the correct maximum values, minimum values and the zero point a rectangular angle is required. So may be the best way is to fix the sensor board onto a rectangular form (piece of wood).
2. Open the flight controller project in the IDE and use the function “test\_9dofStick()” in the file “test\_9dof.c” to display the values of the sensor.
3. The orientation of the axes is imprinted on the face of the sensor board.

Because of the jitter it is much better to take an average of 300 measured values.

1. Place the rectangular form in such a way that the axis of the sensor is in the maximum position.
2. Place the rectangular form in such a way that the axis of the sensor is in the minimum position.
3. Place the rectangular form in such a way that the axis of the sensor is in the zero-point position.
4. Repeat step 4 to 6 for each axis (x, y, z).