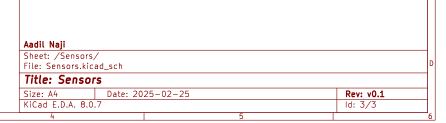


9 Axis IMU Sensor +3٧3 U6 LD39015M18R VDDIO_1v8 +3V3 C25 C26 1.8V Voltage regulator 100n SDO/ADO SDA/SDI +3٧3 AUX_DA 21 SCL/SCLK VDDIO_1v8 AUX_CL FSYNC ICM_INT_1v8 12 INT1 100n B2 12 ICM-20948 ICM_SCL SCL2 ICM_INT_1v8 В3 ICM_INT_3v3 NTS0104PW i2c address at 0x69 The ICM's IO works at upto 1.95v, so i2c can't be bidirectional voltage level hooked upto the mcu without a level shifter

NTS0104 has internal 10k pull-up resistors for both A and B ports. However attaching external resistors in parallel overrides the internal resistors



translator 1.8v/3.3v