

GND is the ground pin. It has a square marking to distinguish it from the other pins.

VCC supplies power to the module. It can range from 1.9 to 3.9 volts. You can connect it to your Arduino's 3.3V output. Please keep in mind that connecting this to the 5V pin will most likely damage your nRF24L01+ module.

CE (Chip Enable) is an active-high pin. When enabled, the nRF24L01 will either transmit or receive, depending on the mode.

CSN (Chip Select Not) is an active-low pin that is typically held HIGH. When this pin goes low, the nRF24L01 begins listening for data on its SPI port and processes it accordingly.

SCK (Serial Clock) accepts clock pulses from the SPI bus master.

MOSI (Master Out Slave In) is the SPI input for the nRF24L01.

MISO (Master In Slave Out) is the SPI output of the nRF24L01.

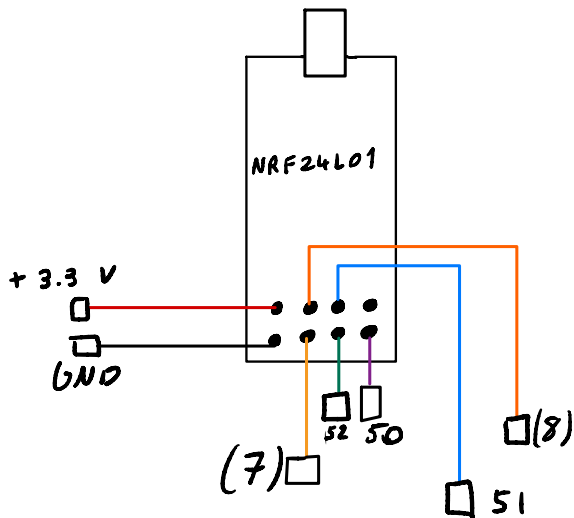
IRQ is an interrupt pin that can notify the master when there is new data to process.

Pin Connections.

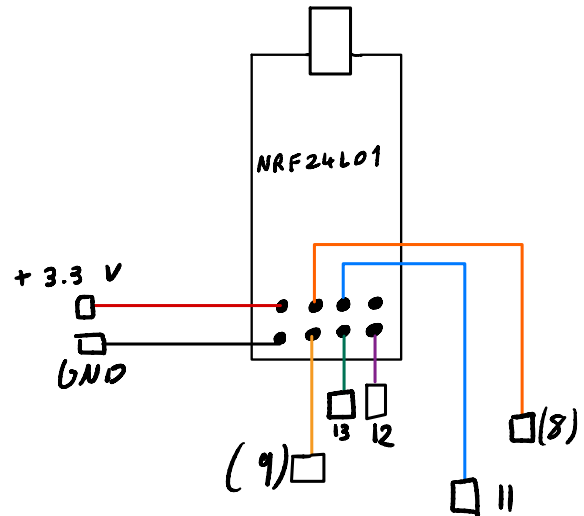
CE CSN
any digital pin

SCK MOSI MISO
fixed pin locations
(Arduino SPI pins)

MEGA



UNO



NANO

