

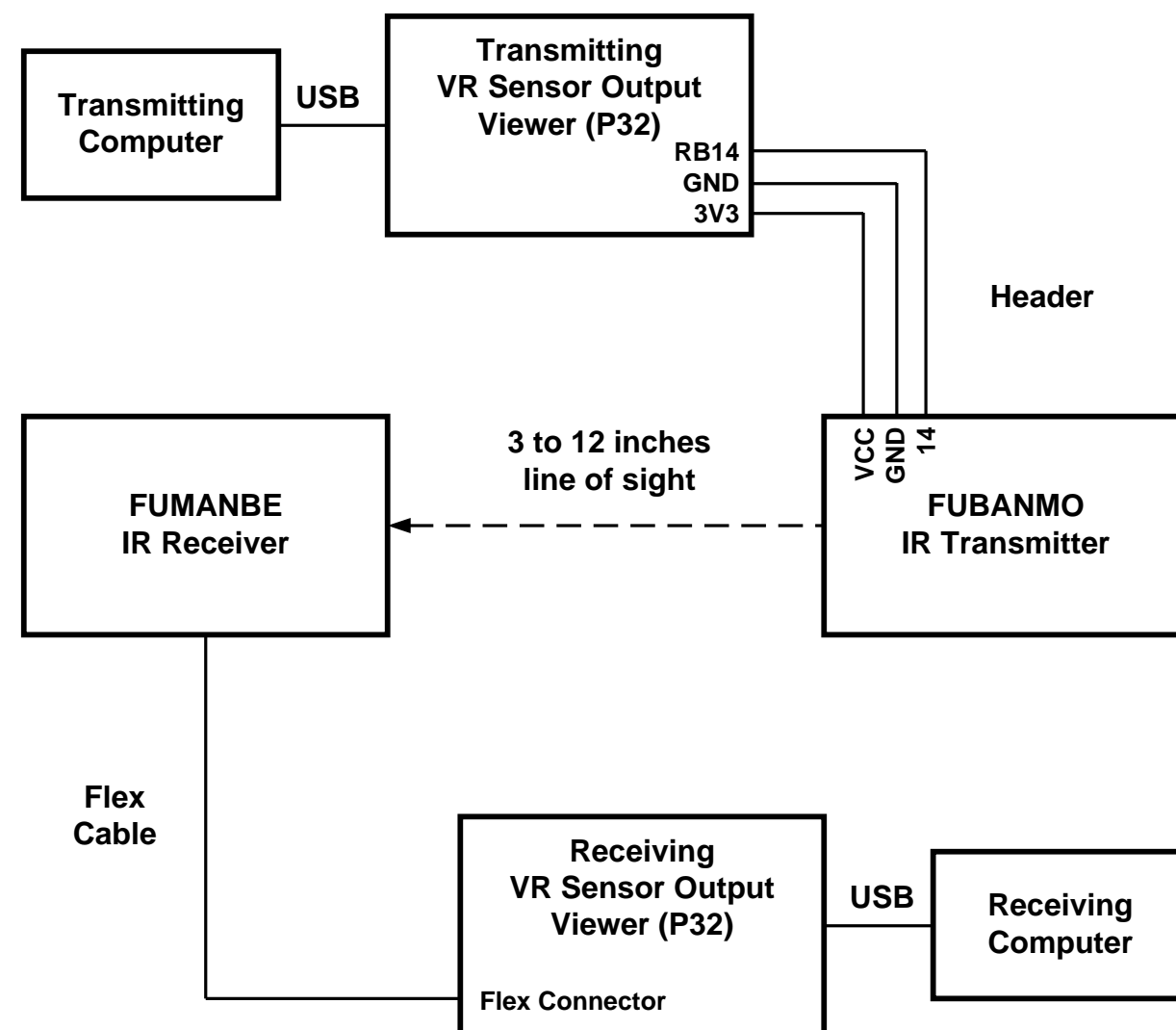
Virtual Builds

1 Download the Latest Demo Software

Install the latest demo software onto your computer by downloading it from Virtual Builds' GitHub <https://github.com/virtualbuilds>

2 Connect and Configure Hardware

Connect both FUBANMO and FUMANBE to corresponding VR Sensor Output Viewer (P32) then to the computer via USB. The USB driver will automatically install.



3 Transmit and Receive!

Watch Demo and Introduction Video for Quick Start
URL

1. Launch NFiR demo software
2. Select correct COM Port and open port by clicking "open"
3. For live console mode:
 - Ensure both transmitting and receiving NFiR demo software are in console mode
 - Type message in Tx Console
4. For file (.txt or .jpg) mode:
 - Select "File" in Tx Input on transmitting NFiR demo software and "File" in Rx Output on receiving NFiR demo software
 - Select the desired file using "Tx Output File" textbox on the transmitting NFiR
 - Write the desired file name using "Rx Input File" textbox on the receiving NFiR
 - Click "Transmit" on transmitting NFiR
 - Red LED on the transmitting VR Sensor Output Viewer (P32) should be flashing while transmission
 - Green LED on the receiving VR Sensor Output Viewer (P32) should be flashing while reception
 - After LED stops blinking, click "Process" on receiving NFiR

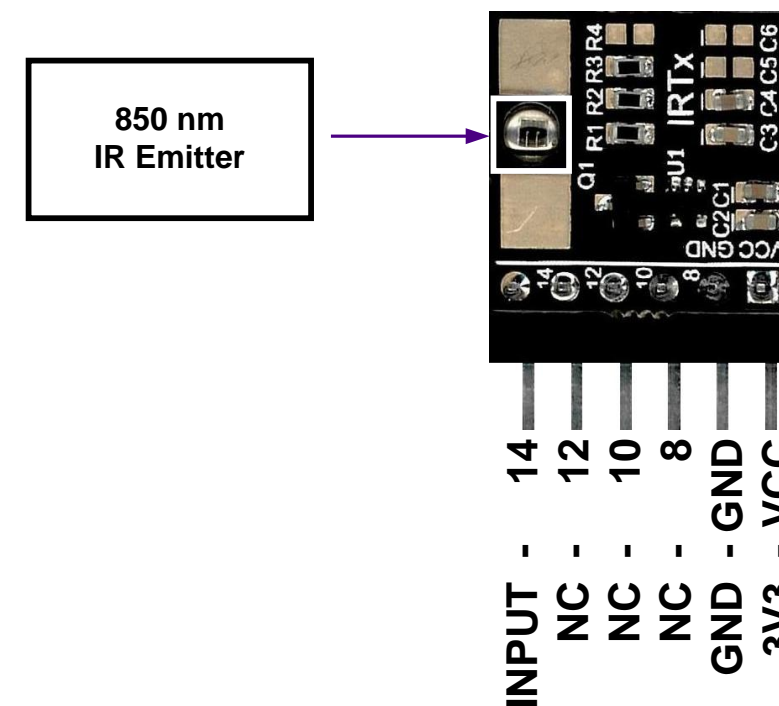
IRTxRx

(Infrared Transmitting & Receiving)
USING FUBANMO & FUMANBE

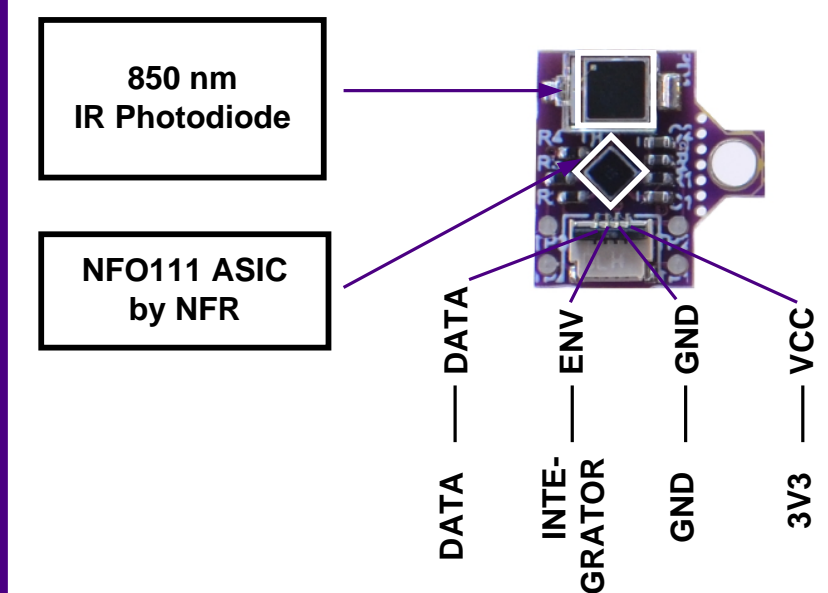
ADDITIONAL INFORMATION

Circuitry and Pinouts

FUBANMO IR Transmitter

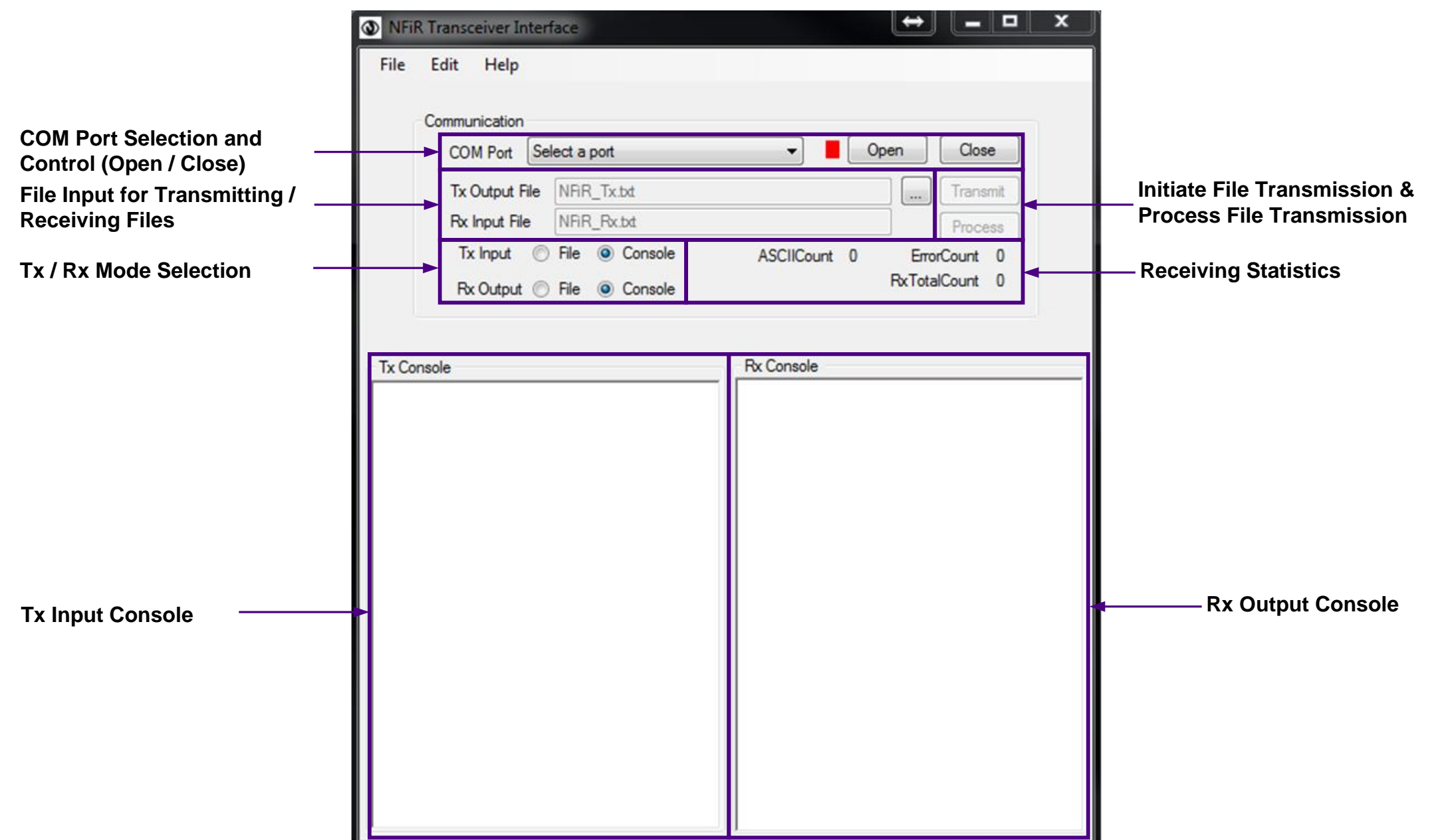


FUMANBE IR Receiver



Note: flex and other versions of FUMANBE IR Receiver has same pin out

NFiR Demo GUI



Note: it is recommended to reduce background processes while transmitting and receiving