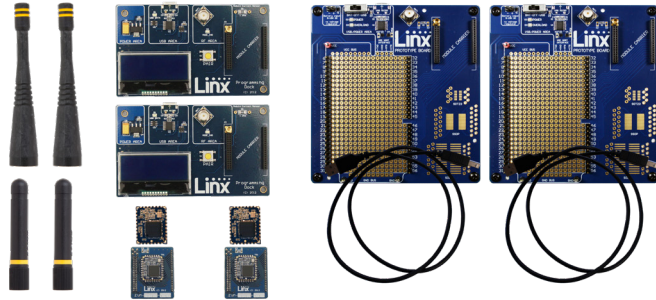# HumPRO™ Series Master Development System

Quick Start Reference
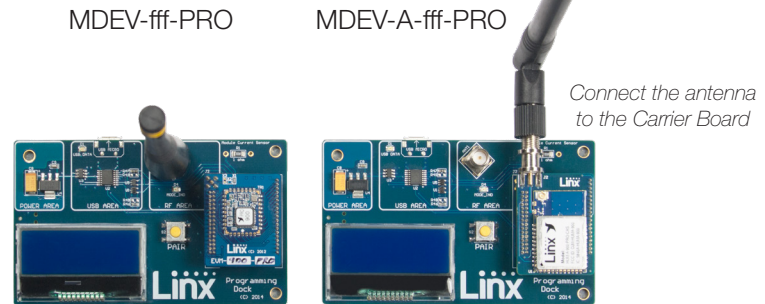
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1 Remove Contents

Remove kit contents including development boards, antennas, batteries, modules and USB cables.

2 Set Up the Programming Docks

MDEV-fff-PRO   MDEV-A-fff-PRO

Connect the antenna to the Carrier Board

With the power off, set up boards by inserting EVMs into sockets on the Programming Docks and attaching the antennas.

3 Install the Software

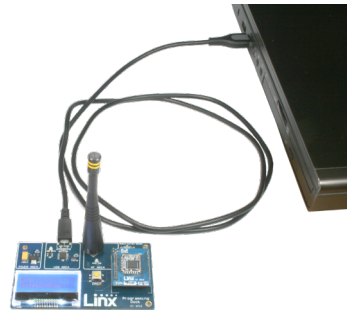**Linx** TECHNOLOGIES

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https://linxtechnologies.com/contact-us

Downloads
for the **MDEV-GPS-tt**
https://linxtechnologies.com/mdev-gps-tt
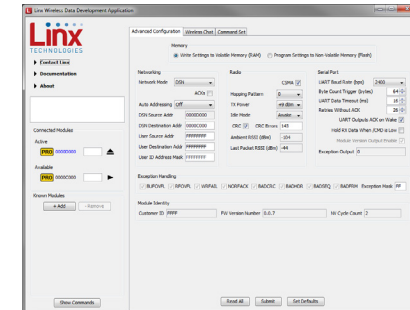
Wireless made simple*

Install the Windows software using the website link provided with the kit. If already installed, skip this step.

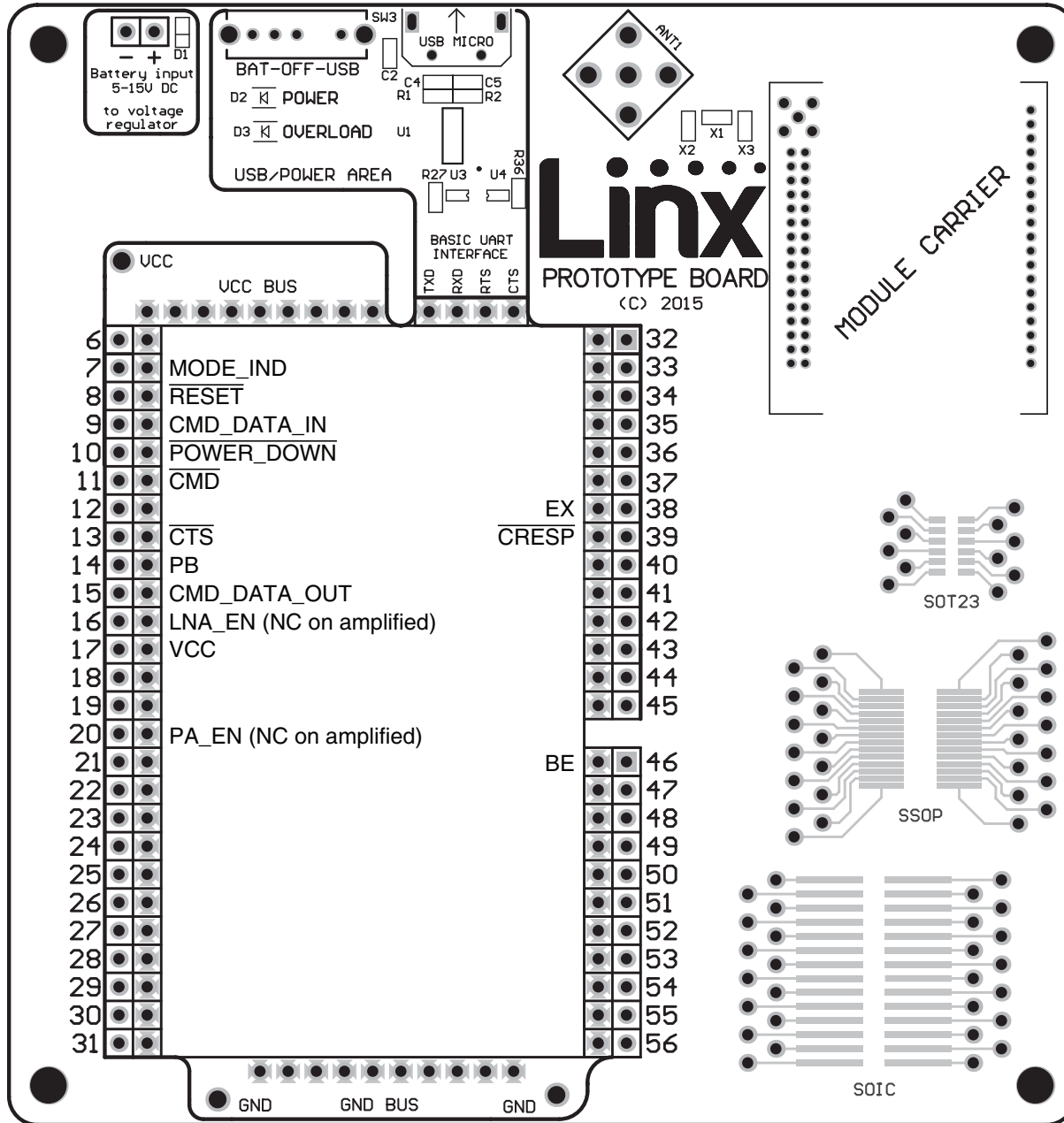### 4 Connect the Programming Docks

Connect the Programming Docks to a computer with the cables included with the kit. USB drivers are on the website so install them if prompted by the computer.

5 Start the Software

Start the software. It automatically detects conected modules and reads their configurations.

Wireless made simple®

Battery input
5-15V DC
to voltage
regulator

− + D1

SW3
USB MICRO
BAT-OFF-USB

C2 C4 C5
R1 R2
D2 ⏚ POWER
D3 ⏚ OVERLOAD U1

USB/POWER AREA

R27 U3 • U4 R36

ANT1

X2 X1 X3

MODULE CARRIER

Linx
PROTOTYPE BOARD
(C) 2015

BASIC UART
INTERFACE
TXD RXD RTS CTS

VCC
VCC BUS

6
7 MODE_IND
8 RESET
9 CMD_DATA_IN
10 POWER_DOWN
11 CMD
12
13 CTS
14 PB
15 CMD_DATA_OUT
16 LNA_EN (NC on amplified)
17 VCC
18
19
20 PA_EN (NC on amplified)
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EX 38
CRESP 39
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BE 46
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56

GND   GND BUS   GND

SOT23

SSOP

SOIC

⚠ **Warning:** Installing or removing a Carrier Board while power is applied could cause permanent damage to the module. Either turn off power to the board or unplug the USB cable before installing or removing a Carrier Board

Note: The LNA_EN and PA_EN lines are not wired out on the HUM-A-900-PRO.

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ISO 9001   RoHS COMPLIANT   REACH COMPLIANT

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