HumPRO™ Series Master Development System

Quick Start Reference
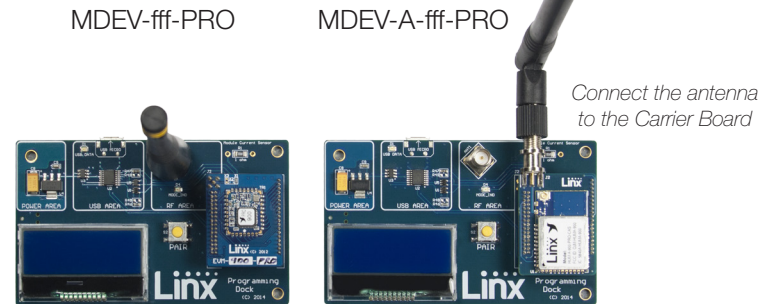
Linx TECHNOLOGIES

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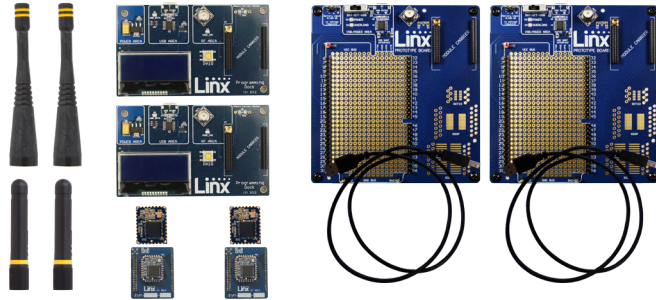
1 Remove Contents

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

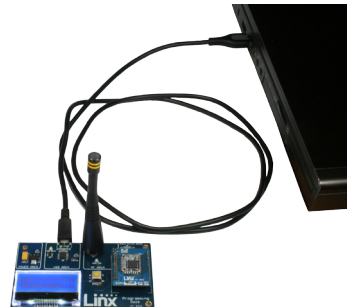*Connect the antenna to the Carrier Board*

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

3 Install the Software

Install the Windows software from the CD that is included 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 CD so install them if prompted by the computer.

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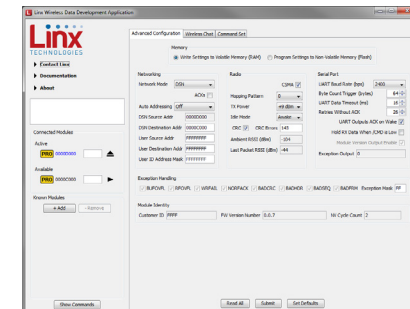
Start the software. It automatically detects conected modules and reads their configurations.

Wireless made simple®

SW3

BAT-OFF-USB

USB MICRO

D1

– +

Battery input
5-15V DC

to voltage
regulator

C2

C4 C5
R1 R2

D2 ⫤ POWER

D3 ⫤ OVERLOAD U1

USB/POWER AREA

R27 U3 U4 R36

BASIC UART
INTERFACE

TXD RXD RTS CTS

ANT1

X2 X1 X3

Linx
PROTOTYPE BOARD
(C) 2015

MODULE CARRIER

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)
21
22
23
24
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EX
CRESP

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BE

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SOT23

SSOP

SOIC

GND   GND BUS   GND

⚠ **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.