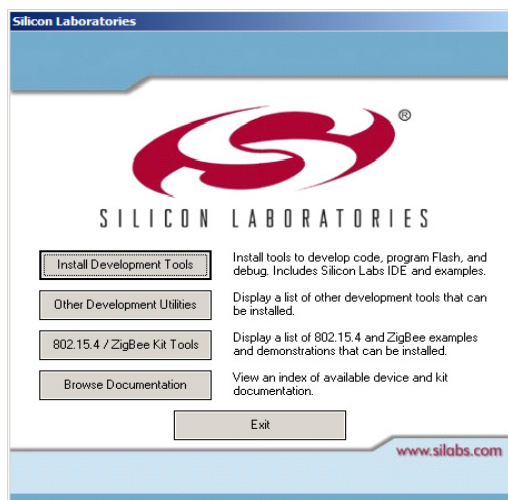# 2.4 GHZ 802.15.4 DEVELOPMENT KIT QUICK-START GUIDE
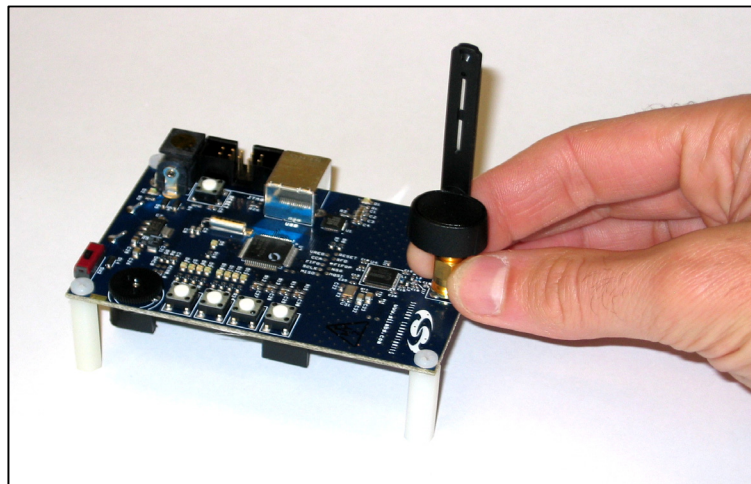
1   **Install the software and drivers.**
- Insert the CD
- Click "802.15.4 / ZigBee Kit Tools,"
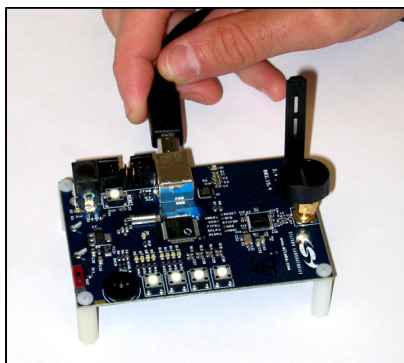   **then "2.4 GHz 802.15.4 Kit"**

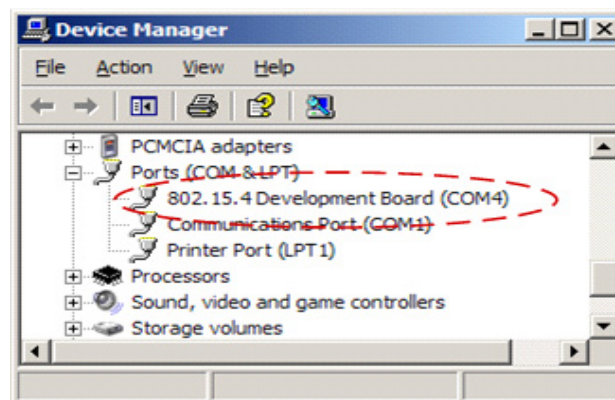**2**   **Install the antennas on both boards.**

3   **Connect one board to the PC USB port.**
- Accept the defaults for the "Found
   New Hardware Wizard"
- This board will become the PAN Coordinator

Note: The Found New Hardware Wizard will run twice for each board: once to install a USB driver, and again to assign a virtual COM port driver.
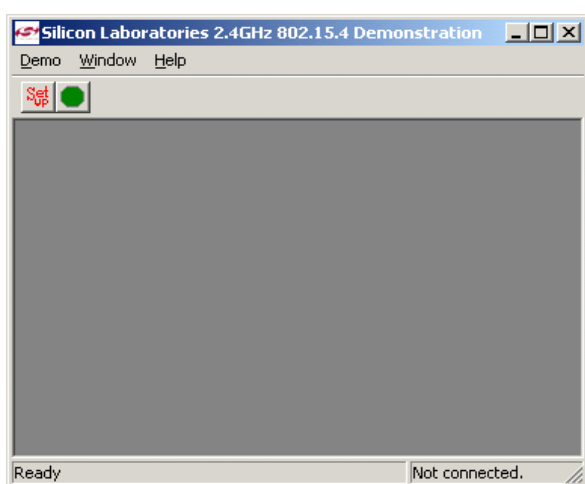
4   **Find the COM port assignment:**
- Right-click My Computer, then *Properties →*
   Hardware → Device Manager

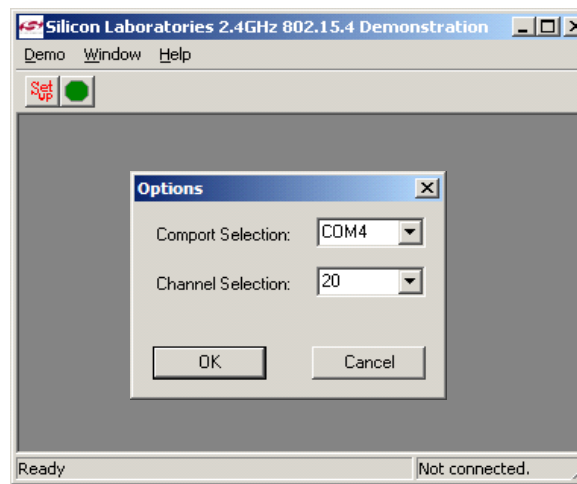**5**   **Locate and start the 802.15.4 Demonstration software:**
Start → All Programs → Silicon Laboratories → 2.4 GHz 802.15.4 Demonstration

6   **Set the COM port.**
- Click the SetUp icon
- Select the appropriate COM port from step 4

7	**Start the PAN coordinator.** - **Click the green icon** - **The green LED (D6) will light**

8	**Insert the battery in the other board and turn switch SW2 on. This board is now the End Device.**

9	**Connect the End Device to the network.** - **Press SW5** - **The yellow LED (D7) will light once associated with the PAN Coordinator**

10	**Transmit data over network.** - **The end device automatically transmits potentiometer and temperature data once associated.** - **The red LED D9 will flash to indicate data transmission.**

Refer to the following documents included on the kit CD for further information:

- 802.15.4-2.4-DK: 2.4 GHz 802.15.4 Development Kit User's Guide

- AN267: 2.4 GHz 802.15.4 Demonstration Software User's Guide

- AN268: 2.4 GHz 802.15.4 MAC Application Interface Programmer's Guide

- AN222: 2.4 GHz 802.15.4/ZigBee Development Board Hardware User's Guide

- AN269: 2.4 GHz 802.15.4 MAC API Programming Example Guide

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