DM2200-434-DK Development Kit



Quick Start Guide

Items Supplied in the Kit:

- Four DM2200-434VM Transceiver Modules
- Four IM2200-1 Interface Boards
- One Software and Documentation CD
- One Standard DB-9 External Modem Cable
- Four Regulated 5 Vdc Universal Wall Plug Power Supplies
- Four Battery Holders (3 AAA batteries required for each holder)

Additional Items Needed:

- One PC with Microsoft Windows® XP or Vista Operating System

Development Kit Assembly

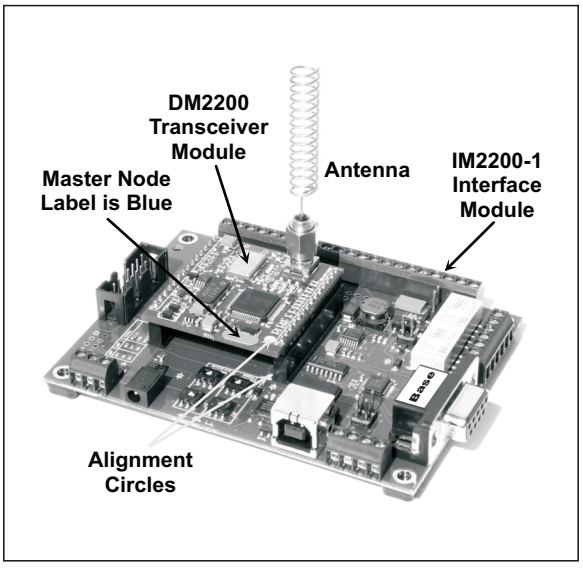


Figure 1

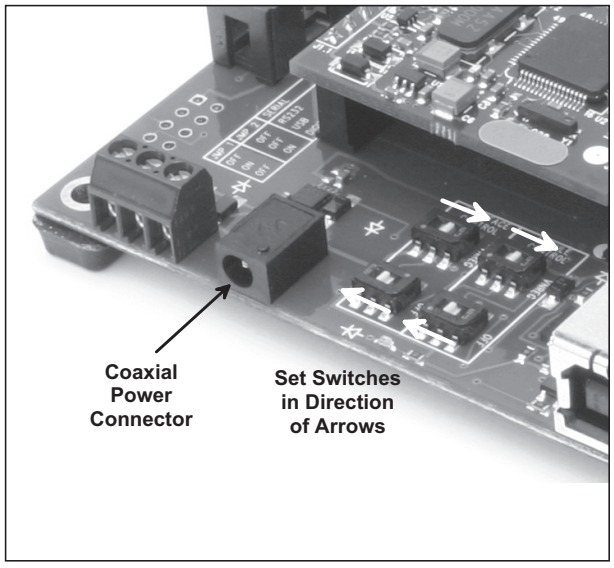


Figure 2

1. Observe ESD precautions when handling the circuit boards. Install the antenna as shown in Figure 1. Do this for all four sets of boards.

2. Install the appropriate plug assembly on the front of each universal wall plug power supply. On each board set, place the power configuration switches in the direction of the arrows as shown in Figure 2. Remove the jumper as show in Figure 3 to enable RS232 serial operation (for USB operation please refer to the DM2200-434-DK User's Guide).

3. Load the utility software and documentation from the kit CD. Note that the software runs under Microsoft Windows XP or Vista using Microsoft .NET libraries.

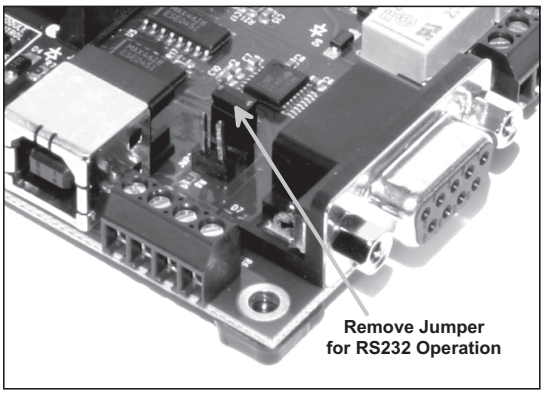


Figure 3

4. Connect the master board set (node) to the PC with the DB-9 external modem cable. As shown in Figure 1, the master node has a blue label for identification. Do not connect the other board sets (field nodes) to the PC. Connect each board set to a wall plug power supply. The location of the IM2200-1 coaxial power connector is show in Figure 2. Referring to Figure 4, the red LED on the master node should be solid on, and the red LED on each field node should be blinking slowly.

5. Run the Master Beacon Enable utility program that came on the CD. In about 10 to 20 seconds, the red LED on each field node should change from slow blinking to steady on, indicating each field node has joined the master node network. The development kit is now ready for use.

6. Refer to the DM2200-434-DK User's Guide and the other documentation on the CD for familiarization experiments, installation and operation instructions, and application software development.

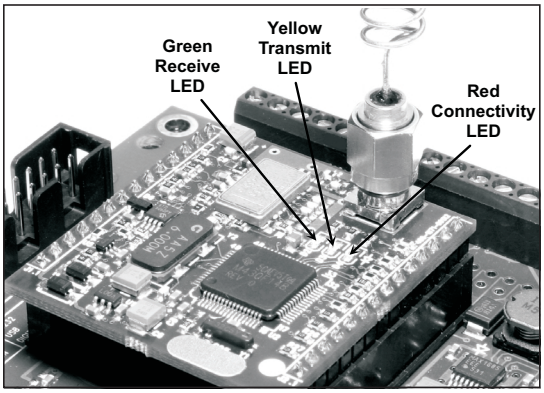


Figure 4

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