

MCU MODULE

EDUCATIONAL MODULE QUICKSTART GUIDE

GETTING STARTED

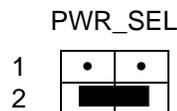
Although the MCU Development Module is designed for use in conjunction with the MCU Project Board, each module may be used independently. The following steps illustrate how to configure any of the MCU Development Modules for stand-alone operation. Refer to the MCU Development Modules User Guide for details on module setup and operation. For help setting up and using the MCU Development Module with the MCU Project Board, refer to the MCU Project Board Quickstart Manual. These and other manuals may be found at www.axman.com.

UNPACK

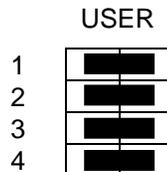
1. Open the shipping carton and remove the contents. Verify all Packing List items have been received.
2. Inspect the MCU Development Module for any damage, which may have occurred during shipping. If damage is found, contact the manufacturer at support@axman.com for assistance.

HARDWARE SETUP

1. To begin, place the MCU Development Module on a flat surface. Ensure sufficient space is available around the module to work safely.
2. Configure the PWR_SEL option header. Install jumpers as shown.



3. Configure the USER option header. Install jumpers as shown below.



4. Connect a serial cable to the COM port on the MCU Development Module. Connect the other end to an available COM port on the Host PC.
5. Plug the transformer into a standard, 120VAC, wall outlet. Connect the transformer power cable to the PWR jack on the MCU Project Board.
6. Verify the V_{DD} LED is lit.

SOFTWARE SETUP

The following steps will help the user install AxIDE on the HOST PC in single-user configuration.

1. Insert the Development CD into the CD drive.
2. The Startup Menu should appear automatically. If not, open Windows Explorer and execute the file <D:>\setup.exe; where <D:> is the drive letter of the CD drive.
3. Click on the AxIDE for Windows button to begin the installation process. Follow the on-screen instructions to install the program in the default location. AxIDE will start once installation completes.
4. If the program does not start automatically, select the AxIDE program from the Start | Programs | AxIDE menu.
5. After installation completes, the user is encouraged to browse the CD. Click the EXIT button when finished.
6. In the AxIDE program window, select the CHECK mark on the COMMAND LINE or select FILE | OPTIONS from the MENU BAR. Configure AxIDE as follows:
 - 6.1. Port: Select the PC COM port used.
 - 6.2. Baud Rate: 9600
 - 6.3. Parity: None
 - 6.4. Data Bits: 8
 - 6.5. Stop Bits: 1
 - 6.6. Handshaking: All settings off
7. Press the RESET button on the MCU module
8. The MCU module is now ready for use.