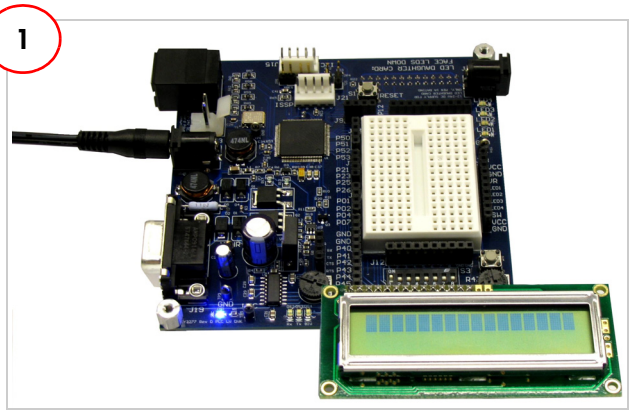
CY3275 QUICK START GUIDE

Using the CY3275 Low Voltage 12-24V AC/DC PLC Development Kit

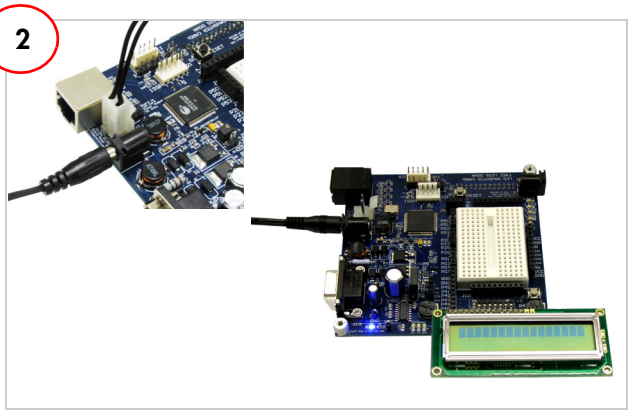
1



1. Connect the power adapter included in the kit to header J2 on one of the CY3275 boards (node one). The Blue Power LED powers on.

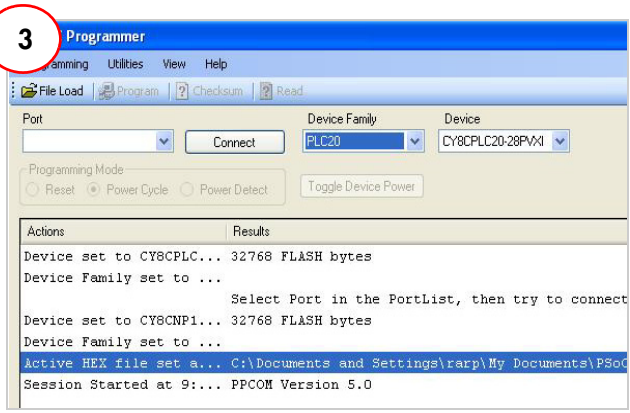
Note: Ensure that the LCD module is connected correctly to the LCD1 header. Incorrect connection may cause the board to short circuit.

2



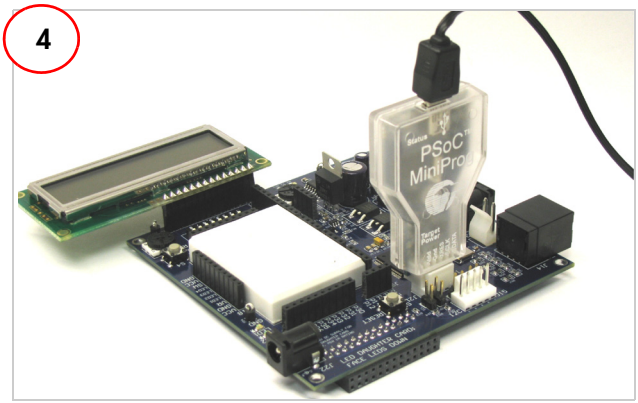
1. Attach one end of the custom daisy chain cable to header J3 on node one.
2. Connect the opposite end to header J2 on the other CY3275 board (node two). The Blue Power LED on powers on.

3



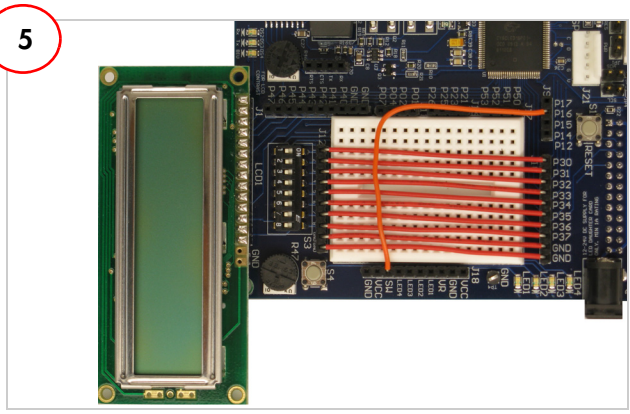
1. Install and run PSoC Programmer from the Kit CD.
2. Set the device family to PLC20 and the programming mode to Reset.
3. Open the *PLC20_TX_SP6.hex* file from the *AppNote 54416* folder on the Kit CD.

4



1. Attach one end of the MiniProg to the ISSP header J21 on the first node and the other end to the PC. Connect to the device by selecting the port. Program the device.
2. Follow the same procedure for the second node using the *PLC20_RX_SP6.hex* file.

5



1. On node one, connect eight jumper wires from the DIP switch header S3 to Port 3 and a jumper wire from the push button switch header SW to Port 1[6] of the CY8CPLC20.

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1. Push the reset button S1 on both the nodes. A welcome message appears on the LCD.
2. When you press the push button S4 on the first node, the state of the DIP switches S3 is transmitted to the second node and displayed on the LCD.

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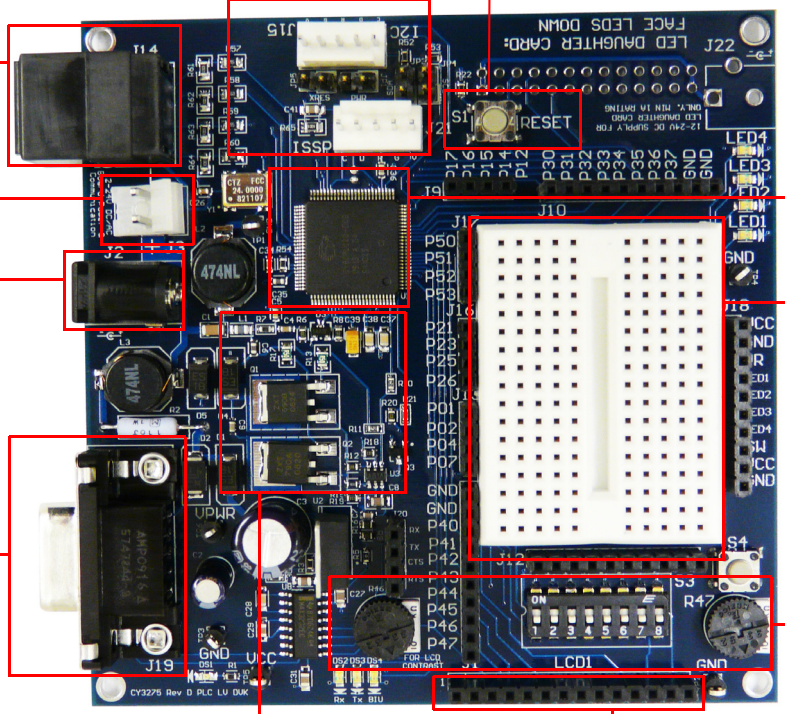
CY3275 Top View



For the latest information about this kit visit
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