

M68DKIT912C32

Quick Start Guide

Step 1: Connect power supply to docking module (J1 or J2).

Step 2: Connect serial cable between docking module and your computer.

Step 3: Launch HyperTerminal (located under Start-> Programs-> Accessories-> Communications).

Step 4: Specify a name for the connection, click **Ok**.

Step 5: Select the comport to which the serial cable is connected (ie. COM1, COM2, etc), click **Ok**.

Step 6: Change the BAUD rate (bits per second) to **9600**.

Step 7: Change flow control to **None**, Click **Ok**.

Step 8: Make sure that RUN/BOOT switch (SW1) on MCU module is in the RUN position.

Step 9: Press Reset button SW1 on Docking Module. The demo menu will be displayed in the terminal window. The M68MOD912C32 is pre-programmed with a demo program. It flashes LED D2 four times and D3 once. At the same time, a menu is transmitted via the SCI to the serial port.

Step 10: Refer to the manual on the included CD before going futher.

Troubleshooting

Problem:

Green power LED not on.

Solution:

Check power adaptor is plugged into the AC outlet. Check power is connected to either J1 or J2 on the docking module. Make sure link W2 is shorted by a buss wire or copper track. Use Voltmeter to measure VCC. With JB1 open, the measured VCC is approx. 5 Volt. With JB1 shorted, the measured VCC is approx. 3.3 volt.

Problem:

Green power LED is dim.

Solution:

JB1 may be shunted to provide 3.3 Volt VCC; remove JB1 shorting block jumper to produce 5 Volts on VCC.

Problem:

No communication with terminal program.

Solution:

Make sure that the RUN/BOOT switch (SW1 on MCU Module) is in the RUN position.

Make sure the M68MOD912C32 is properly inserted into the 40 pin DIP socket, (ie. pin 1 of the module to pin 1 of the 40 pin DIP socket.)

Launch HyperTerminal program and set it up appropriately.

Check serial cable connection from PC to the docking module. Make sure terminal program is setup appropriately to BAUD=9600,8,N,1.

Problem:

Nothing happens.

Solution:

Check power (make sure Power LED is active). Check M68MOD912C32 installation into the socket. Press RESET switch SW1 on the docking module a few times to reset the MCU.