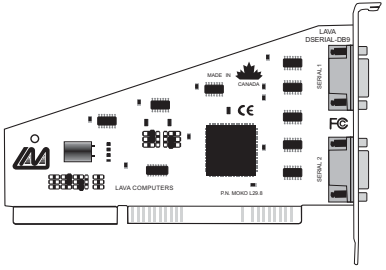
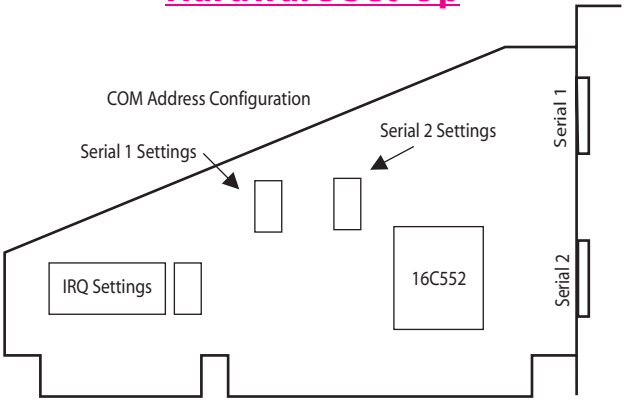
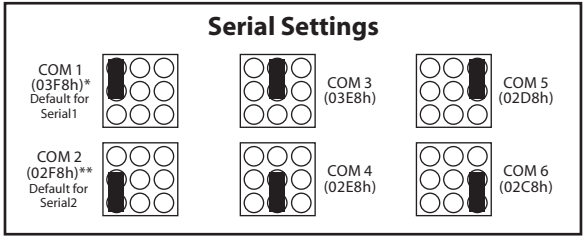
Lava DSerial-550
Installation Manual

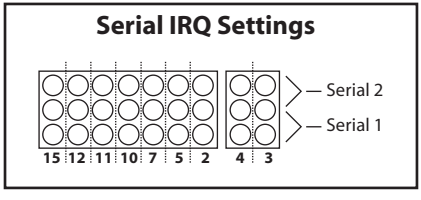


Rev. B00

Hardware Set-Up







DSerial-550 Configuration

1. Determine the number of serial ports installed in your system. Each serial port will have an unique "COM" designation. Configure the ports of the DSerial-550 for two unused COM addresses.

2. Determine which IRQ's (interrupts) are free in your system. Configure each serial port on the DSerial-550 for an unused IRQ. Sharing IRQ's with other devices is not recommended. If you are using Windows and are unsure which IRQ's are available in your PC, open Control Panel, System, Device Manager, and double-click on Computer. This will list the IRQ's that are **used**.

3a. For Serial 1, install the jumper above the number corresponding to the desired IRQ, so that it covers the pin in the bottom row and the pin in the middle row.

3b. For Serial 2, install the jumper above the number corresponding to the desired IRQ, so that it covers the pin in the top row and the pin in the middle row.

Do not install more than one IRQ jumper per serial port.

4. For Windows users: After configuring the DSerial-550 jumpers, go through the "Add New Hardware" procedure in Windows Control Panel. Install the two ports on the DSerial-550 as Standard Communications Ports when prompted. After completing the Add New Hardware procedure, you may need to return to Control Panel, System, Device Manager, and modify the settings in the Ports section by changing the Basic Configuration to match your DSerial-550 hardware jumper settings.

Note: To disable a port, remove the jumper from both of the COM and the corresponding IRQ jumper configuration pins.

Lava
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Lava Computer MFG Inc.

This device complies with part 15 of the FCC Rules. Operation is subject to the following conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
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