
Technical Notes on using Analog Devices' DSP components and development tools

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2101 EZ-ICE RS-232 Addendum To The 2100 Family EZ-Tools Manual

The following paragraph on page 2-4 (Section 2.2.1.2) is phrased incorrectly in the ADSP-2100 Family EZ-Tools Manual (31-000008-01):

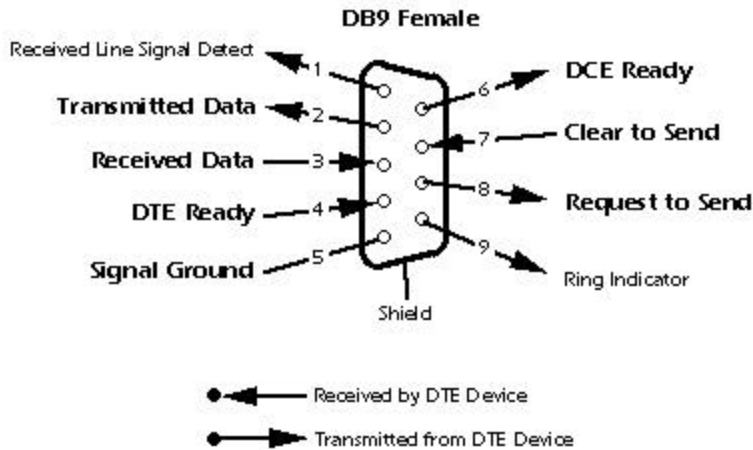
“Note: If you can not locate the cable, any RS232 cable that swaps the RX and TX connections between the ends of the cable (and provides continuity on the ground connection) should work. Only RX, TX and ground are actually used by the EZ-ICE board. Often, this type of cable is called a ‘null modem cable’.”

This paragraph should state the following:

“Note: *If you can not locate the cable, the following is the pinout of the RS232 interface on the 21xx EZ_ICE board: TX is connected to pin 2, RX is connected to pin 3, and ground is connected to pin 5. The EZ-ICE board is set up as a DCE device, and if your PC is a DTE device, than a standard RS-232 DB-9 Serial Cable can be used. However, if you are connecting the EZ-ICE board to a DCE device then a null modem cable must be used. The null modem cable simply allows two of the same device types to mate with one another, by switching the RX and the TX signals inside the cable. A diagram of both device types is shown on the next page. **Before going out and purchasing a null modem cable, please make***

sure that you can't change the device type of the RS-232 port by either changing jumpers on your motherboard, or by changing software parameters (such as the BIOS or Windows system settings.)”

Inside the DCE Device Connector



Inside the DTE Device Connector

