Increasing data flow to a terminal, when using a M164

This application note details the cabling requirements for the Unique Micro Design Model 164 used between a terminal and host computer, to reduce the overhead and increase data flow to the terminal. This can be used at any of the baud rate settings. This configuration routes the data from the host directly to the terminal. The data from the terminal to the host passes through the M164 via serial port S2 to serial port S1, while the data from the scanner input, via S3, is sent to the host through S1.

The Unique Micro Design cable, CA6174, can be used for both DTR/CTS handshaking and Xon/Xoff.

Set the handshaking for S1 to reflect that used by the host. Set S2 handshake to hardware DTR/CTS handshake

M164 in Mode 1

Parallel Port

Optional PC Term Conversion

Serial Port S1

Serial Port S2

Serial Port S3

CA6174

To Host Computer looks like a terminal DB25 female.

To Terminal DB25 male.

CA6174 cable