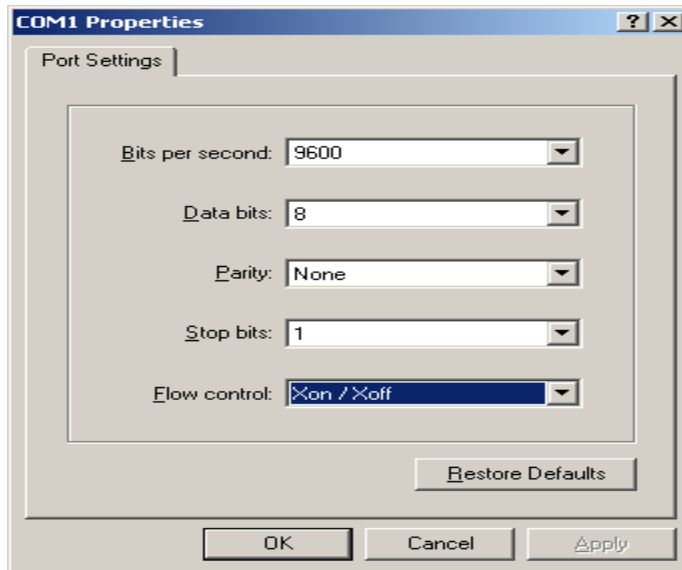
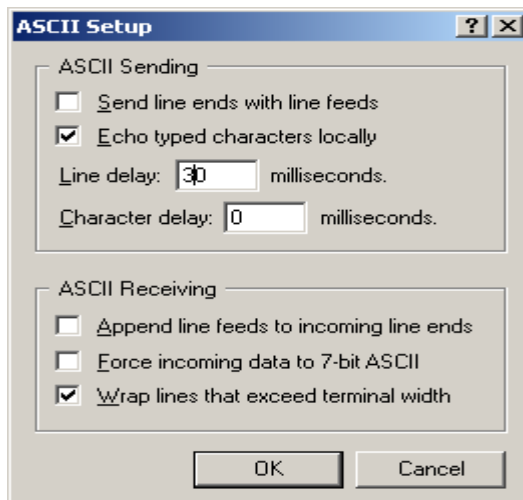


Procedure to download new software

1. Obtain the new software from Q-Proto system by sending email to support@qprotos.com.
2. Connect the QBridge to Windows RS232 COM port.
3. Run the Windows Hyper Terminal program and make sure to open the correct COM port to which QBridge is attached.
4. Setup the Hyper Terminal to 9600 Baud, 8 data bit, no parity bit, 1 stop bit and XON/XOFF control.



5. Setup the Hyper Terminal 'ASCII set up' to '30 milliseconds line delay' and 'echo typed character locally'.



6. Use the jumper to connect the BOOT pin and GND pin on QBridge.
7. Power up the QBridge with +9 V.
8. The Hyper Terminal will show prompt '<' for user input.
9. Type character 'q' on the Hyper Terminal to start the erase sequence in QBridge.

10. After the program erase is finished, a prompt <q Vxx> will be shown in the Hyper Terminal, where xx is the boot loader version.
11. New software can be downloaded to QBridge via Hyper Terminal -> Transfer -> Send Text File.
12. Once the download is completed successfully, remove the Jumper between BOOT and GND and cycle the power. New application will be executed with default baud rate of 9600 bps.