

## ECE 478 Laboratory Work #6

1) Implement the RS232 Waveform shown in figure-1 using the state machine shown in fig-2. Test your software using the HyperTerminal and FPGA card.

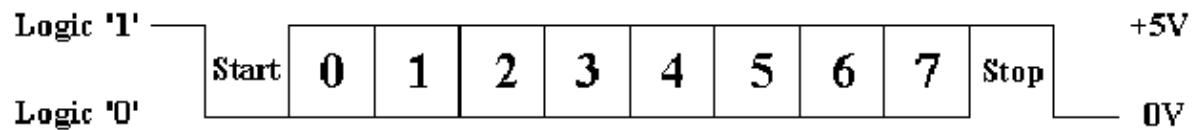


Figure-1

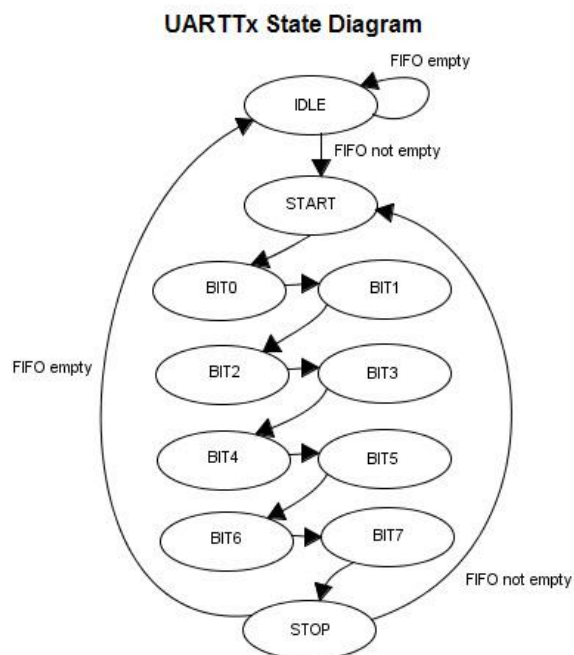
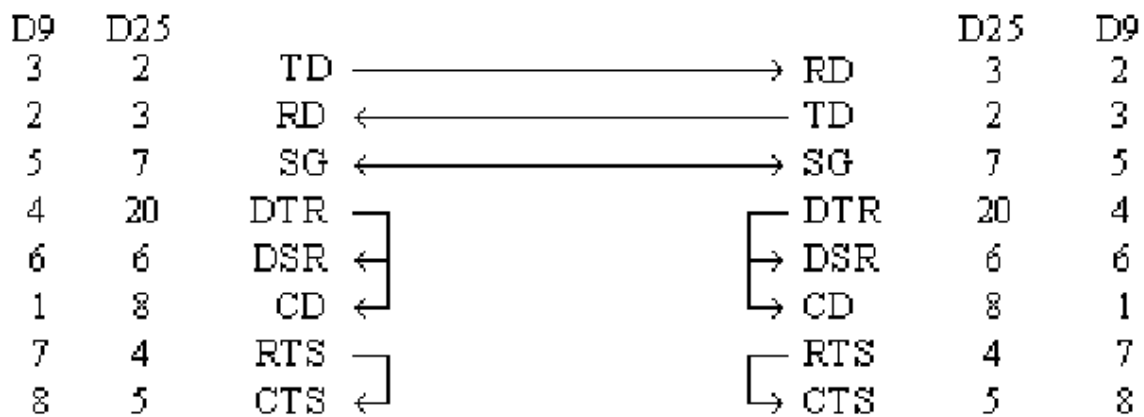
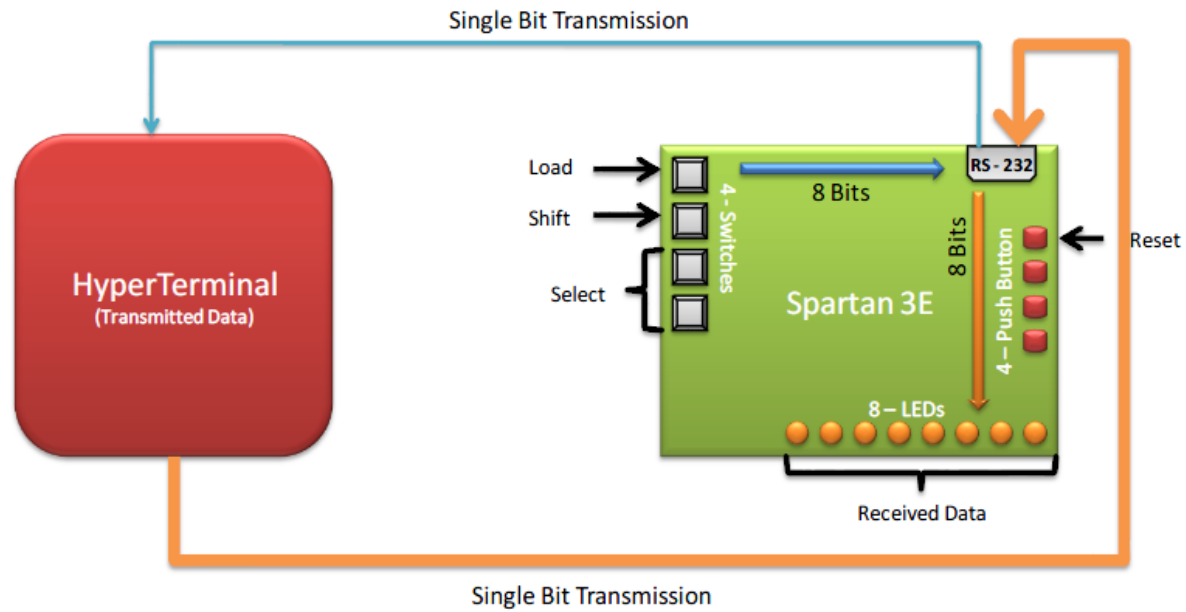


Fig-2

Null Modem is used to connect two DTE's together. This is commonly used as a cheap way to network games or to transfer files between computers.



**Fig-3**  
Null modem wiring diagram