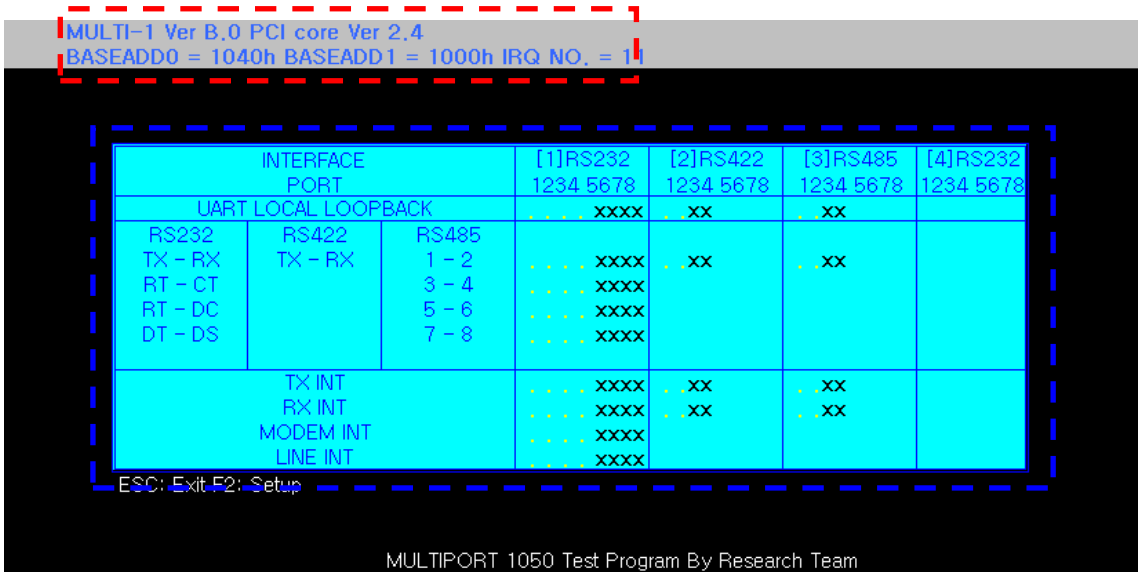
Sbtest1050 Manual

2009.04.29 Hwanjun Noh

1. Display



Information Area(Red Area): Displays MultiPort Board Information.

Status Area(Blue Area): Displays Test Status.

2. Test Items

INTERFACE PORT: Shows the interface. RS232, RS422 or RS485.

UART LOCAL LOOPBACK: Tests UART's local loopback.

TX – RX: Tests Transmit – Receive Loopback. For RS485, ports should be connected as #1- #2, #3 – #4, #5 – #6, #7 – #8... The test succeeds when the connected port successfully receives the sent data.

RT – CT(RS232 Only): Tests RTS – CTS Loopback.

DT – DC(RS232 Only): Tests DTR – DCD Loopback.

DT – DS(RS232 Only): Tests DTR – DSR Loopback.

TX INT: Tests Transmit Interrupt occurrence.

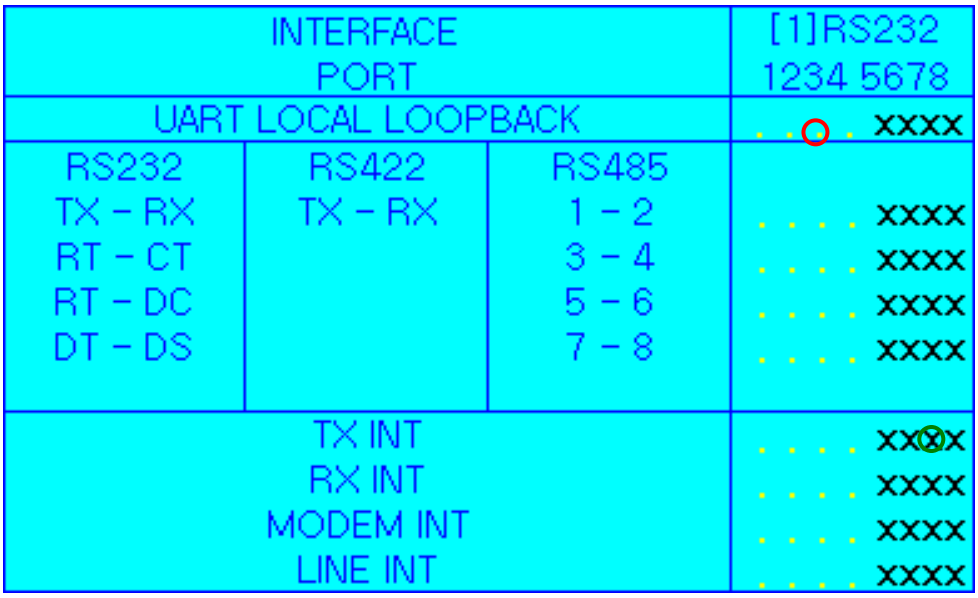
RX INT: Tests Receive Interrupt occurrence.

MODEM INT(RS232 Only): Tests Modem Interrupt occurrence.

LINE INT(RS232 Only): Tests Line Interrupt occurrence.

3. How to use

Sbtest1050 tests the multiport for local loopback, external loopback and interrupts for each port. When the test succeeds the program shows a yellow “.” and when the test fails it shows a black “x”. The columns show serial port numbers and the rows show the test items. For instance, if you the yellow dot in the red circle means that Uart Local Loopback test succeeded for port 3. The X in the green circle means that Transmit Interrupt test failed in port 7.



4. Setup

Press F2 for setup. Baud Rate can be changed.