DEVELOPMENT OF AN RS-232 TESTER

by

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Project Report

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PROJECT SUMMARY

This project deals with the design, construction and testing of an RS-232 tester. The tester will be microprocessor controlled. It will be able to communicate with both DCE and DTE devices.

The tester will also be able to Transmit a standard sequence of characters and Receive or Echo any character. The baud rate of data flow between the tester and the device under test will be rated from 300 to 9600 bits per second. Furthermore the number of stop bits and parity check will be set by the user.

The tester will incorporate a Liquid Crystal Display, a keyboard and some bicolour LEDs in order to provide a multi-task communication to the user.

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