

PERMANENT REFERENCE

CONSTRUCTION OF A LOW COST HARDWARE PRINTER SHARER PERIPHERAL USING DISCRETE IC'S

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ABSTRACT

Printer sharing is an interesting concept in economizing the use of printers. Even though printer sharing is possible in network environment, printer-sharing switches are useful where there is no network connection.

This project presents a printer sharer made by using discrete ICs intend to share two printers among four computers. It consists a control circuit board, an interfacing circuit board and a 5V power supplier for the power requirements of the sharer. The complete system was constructed on copper strip board and housed in a printer sharer box. The control circuit controls the signal according to the availability of printers and activates the interfacing circuit to connect the computers with the available printers.

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