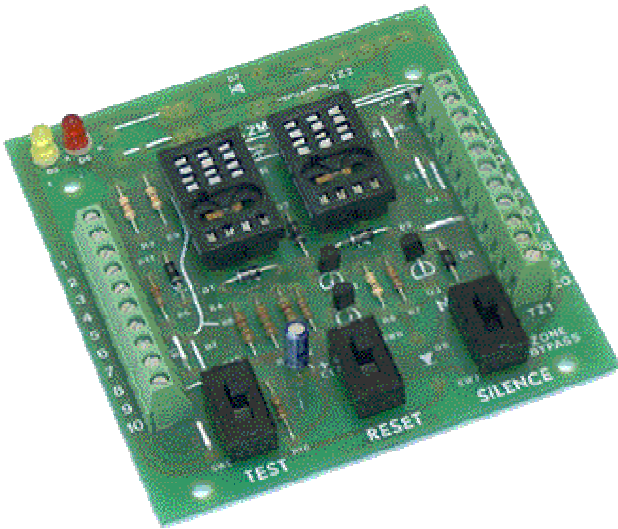


Application and Capability Note

Custom Printed Circuit Board Design and Manufacture



Automation Systems Interconnect, Inc. (ASI) has the ability to design and manufacture printed circuit boards to customer specifications. The service is provided to those customers that require a printed circuit board that uses through hole components such as resistors, diodes, capacitors, relay sockets and terminal blocks. A good example of our capability is shown in the photograph.

ASI provides these custom designed boards in small to medium quantities. The turn around time for a quotation to finished product depends on the complexity and quantity. We have been able to provide a completely designed and manufactured PCB to customer specifications in as little as one week.

The steps required to request and receive a quotation or a finished product are as follows:

1. Obtain a schematic or drawing from the customer along with a bill of materials.
2. Provide a forecast of the quantity that the customer will require in total and per shipment if scheduled.
3. Submit the above information to ASI Engineering Department via email, fax or mail along the additional requirements.

ASI offers this service at quantities normally not considered by most manufacturers. We request a minimum of 25 pieces per order or release to justify the engineering and manufacturing time. However, if there are special circumstances we will consider lower volumes.

Currently there are no engineering charges for this service. Finally, our Engineering Department is in a position to make design and component recommendations which in many cases has saved the customer a considerable expense.

The printed circuit boards can be direct panel mounted as shown or can be in a carrier that allows for DIN rail mounting. Check out the custom interface modules on www.asi-ez.com to learn more about this service.