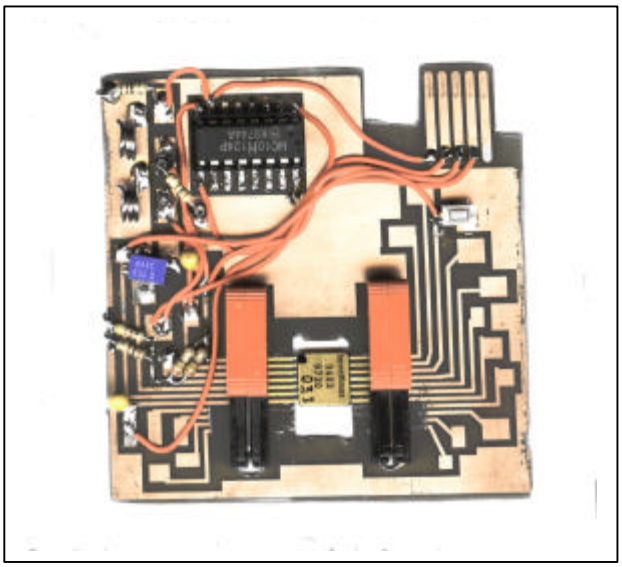
Impellimax

Evaluation Boards to Aid in Prototype and Test



As an aid to developers, evaluation circuits and test boards are available from Impellimax at low cost. These boards can simplify the integration of new devices and technology into your products, as well as to provide a baseline of optimal device performance.

When incorporating a new device into a product, early "learning curve" difficulties can crop up that result in lost time and money. To reduce these impediments to a minimum, Impellimax can provide demo PC boards that incorporate the simple but crucial design concepts that will lead to success with the least difficulty.

Shown above is an example of an evaluation board for a high speed ECL PIN diode driver. On-board is a TTL - to - ECL converter IC and associated passive components. In this way, the user is freed from having to deal with the extra hassle of generating clean and repeatable ECL signals with which to test their prototype system. The backplane of the PC board is all grounded copper, and the power supplies are bypassed close to the driver. By using this board, then, the customer is more assured of having proper connections and signals to the driver.

Prototyping is simplified because wires and connectors can be soldered to the test board, without potentially damaging the hybrid. If a prototype catastrophe occurs as they sometimes do, the driver can be easily removed and replaced without having to greatly disassemble the prototype system. (Of course, we would gladly then perform a failure analysis to help you understand the cause of the failure.)

Test and evaluation boards are especially helpful if the hybrid is one that performs a complex function, such as linearizers and special function hybrids. We can provide evaluation boards that are specifically configured to your application, saving you significant engineering time on your prototype.

Feel free to contact the factory for low-cost evaluation boards and applications assistance.

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