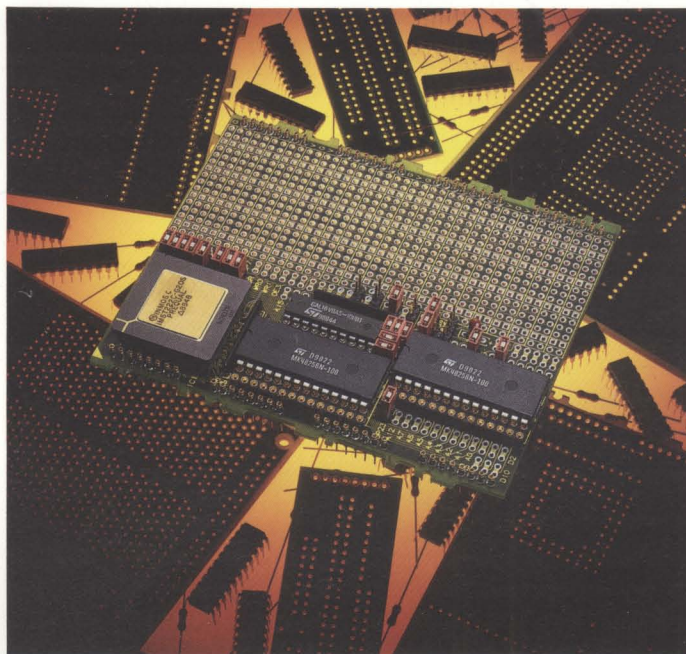


# Prototyping TRAM

## IMS B430 – Quick and Easy Circuit Design

The IMS B430 is a unique TRAM (TRANputer Module) which combines a transputer system with a general purpose prototyping area. It has been designed with the circuit designer in mind.

- **Accelerates the Prototyping Process:**  
*Includes a fully functional microprocessor system hence user is free to concentrate on component design*
- **Prototyping grid**  
*Matrix of through holes allowing the circuit designer quick and easy implementation of any circuit design*
- **20MHz IMS T222, 16-bit transputer**  
*High performance microprocessor with 4K bytes of fast internal RAM. Provides significant local processing and control facilities*
- **On board Programmable Logic Device**  
*Allows designer to select one of the pre-programmed configurations or to use a custom programmed device*
- **4 INMOS 20 Mbits/sec links**  
*Allowing easy connection to further processing networks*
- **On-board 32K of SRAM**  
*Memory for code and data storage – expandable to 64K*
- **Conforms to published TRAM specification**  
*Industry standard interface and mechanical format*
- **Size 4 TRAM**



### What is iq systems?

*iq* systems is an extensive range of modular hardware and software “building blocks” used to create scalable end-user systems from off-the-shelf components. *iq* systems products interface to a variety of industry standard buses and networks.

### Why use iq systems?

With *iq* systems you can plug in and go, putting the power where you need it. You can easily upgrade to meet changing performance requirements, so extending the product lifetime. Upgrades can be performed at incremental cost, so maintaining and maximising overall design investment.

### Where to use iq systems

*iq* systems products can be used at every stage of the design cycle. They are manufactured in volume to the highest quality standards, making them cost-effective for proof of concept, through prototyping to end-system production.

***iq* systems gets your product to market FIRST, with optimum COST and PERFORMANCE, and gives you the COMPETITIVE EDGE!**

Order Number  
**IMS B430-10**  
Prototyping  
TRAM