

## ECL 4096-BIT BIPOLAR RANDOM ACCESS MEMORY

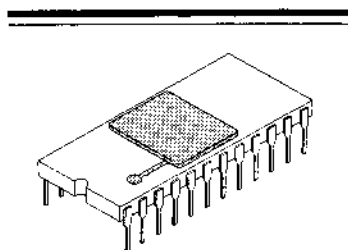
### ADVANCE INFORMATION

#### DESCRIPTION

The Fujitsu MBM100474-15 is a fully decoded 4096-bit ECL read/write random access memory designed for high speed scratch pad, microprocessor and buffer storage applications.

The MBM100474-15 offers extremely small cell and chip sizes,

realized through the use of Fujitsu's patented DOPOS (Doped Polysilicon), as well as IOP (Isolation by Oxide and Polysilicon) processing. As a result, very fast access time with high yields and outstanding device reliability are achieved in volume production.



**CERAMIC PACKAGE  
DIP-24C-A02**

**ALSO AVAILABLE IN  
FLATPACK STYLE**

#### FEATURES

- Organized as 1024 x 4
- Address Access Time: 15ns Max.
- Fully compatible with industry standard 100K series ECL families
- Open emitter for easy memory expansion
- DOPOS and IOP processing
- Pin compatible with F100474
- Low power dissipation: 900mW
- -4.5V power supply

*THIS IS PRELIMINARY INFORMATION FOR A NEW PRODUCT TO BE INTRODUCED DURING 1982. THIS IS NOT A FINAL SPECIFICATION. PARAMETRIC LIMITS ARE SUBJECT TO CHANGE.*

#### PIN ASSIGNMENTS

