

# FUJITSU MICROELECTRONICS

## MBM10474A-15

### ECL 4096-BIT BIPOLAR RANDOM ACCESS MEMORY

### ADVANCE INFORMATION

#### DESCRIPTION

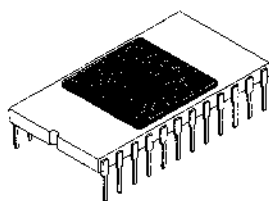
The Fujitsu MBM10474A-15 is a fully decoded 4096-bit ECL read/write random access memory designed for high speed scratch pad, microprocessor and buffer storage applications.

The MBM10474A-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.

#### FEATURES

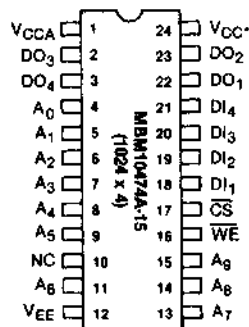
- Organized as 1024 x 4
- Address Access Time: 15ns Max.
- Fully compatible with industry standard 10K series ECL families
- Open emitter for easy memory expansion
- DOPOS and IOP processing
- Pin compatible with F10474
- Low power dissipation: 1040mW



CERAMIC PACKAGE  
DIP-24C-A02

**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 ASSIGNMENT



\*VCC Grounded

Small geometry bipolar integrated circuits are occasionally susceptible to damage from static voltages or electric field. It is therefore advised that normal precautions be taken to avoid application of any voltage higher than the maximum rated voltages to this device.