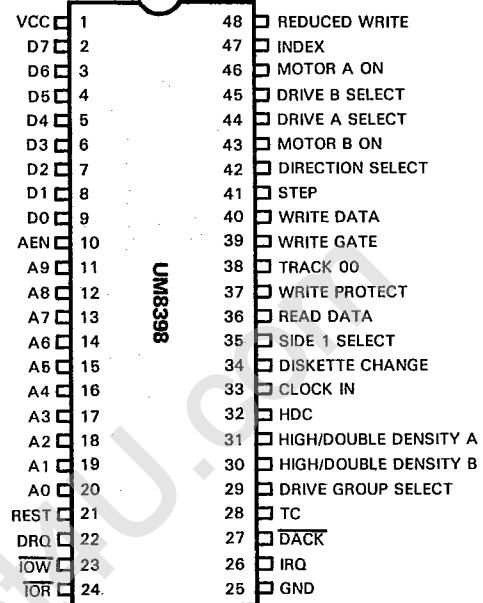


# UM8398 Single Chip Floppy Disk Controller

## FEATURES

- IBM PC XT/AT Drive System Compatible
- Supports 2 Drives (MS-DOS Support)
- 1.2M/360K Format Selectable
- IBM PC Drive System Address Decoder.
- Only 3 Components in the Drive System
- Internal Write Precompensation Circuit; Precom-Pensation Values: 250-125 ns
- Internal Data Separator Circuit

## PIN ASSIGNMENT



# UM83C001 Hard Disk Controller

## FEATURES

- Serializer-Deserializer
- Programmable Track Format
- External Drive Select and Head Select Registers for Expandability
- Internal Phase Detector for Phase Lock Oscillator
- Interface Options: ST-506, ST-412, ST-412HP, ESDI, FLOPPY, and QIC-36 TAPE
- Sector Options: SOFT, HARD, ESDI ADDRESS MARKS, ESDI BYTE and ESDI BYTE CLOCKS
- Recording Options: UNENCODED, FM, MFM or RLL
- Error Checking and Correcting Options: ECC or CRC
- Write Data Options: PULSE, NRZ or NRZI
- Read Data Options: PULSE, NRZ or NRZI
- TTL Compatible Inputs and Outputs. Outputs Drive 8 LSTTL Loads

## PIN CONFIGURATION

