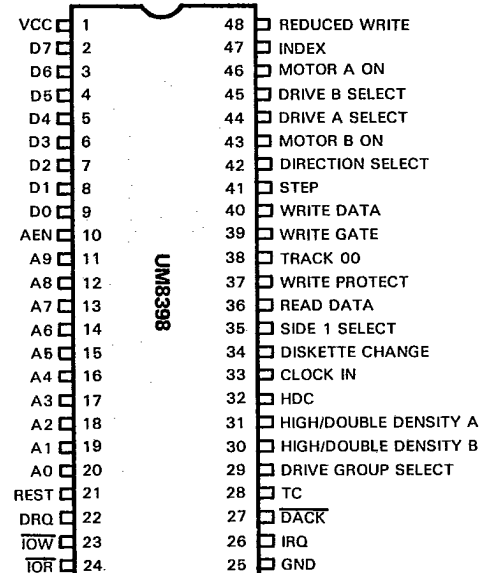


UM8398 Single Chip Floppy Disk Controller**FEATURES**

- 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