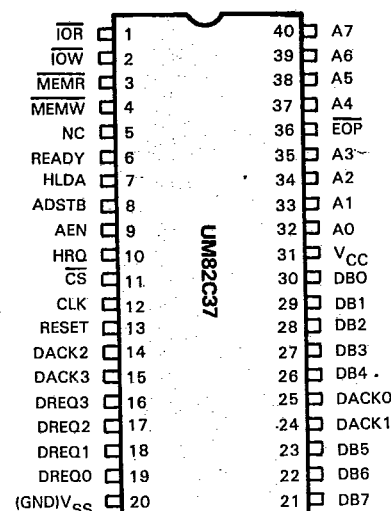


UM82C37**CMOS High Performance Programmable DMA Controller****FEATURES**

- Compatible with the NMOS 8237A
- Four Independent Maskable Channels with Autoinitialization Capability
- Expandable to any Number of Channels
- Memory-to-memory Transfers
- Static CMOS Design Permits Low Power Operation
 - ICCOP = 2 mA/MHz Maximum
 - ICCSB = 10 μ A Maximum
- Fully TTL/CMOS Compatible
- High Speed Data Transfers up to 4 MBytes/sec with 8 MHz Clock
- Upgraded Capabilities Allow Software Read of Internal Registers

PIN CONFIGURATION**UM82C54/-2** CMOS Programmable Interval Timer**FEATURES**

- Compatible with most Microprocessors Including 8080A, 8085A, iAPX88 and iAPX86
- Handles Inputs from DC to 10 MHz
- Six Programmable Counter Modes
- Status Read-back Command
- Three Independent 16-bit Counters
- Binary or BCD Counting
- Single +5V Supply
- iAPX88 and iAPX86 are all Trademarks of Intel Microsystem

PIN CONFIGURATION