

- COMPLETE MICROCOMPUTER, 8K BYTES OF ROM, 240 BYTES OF RAM AND 22 I/O LINES
- 256-BYTE REGISTER FILE, INCLUDING 236 GENERAL-PURPOSE REGISTERS, FOUR I/O PORT REGISTERS, AND 14 STATUS AND CONTROL REGISTERS
- VECTORED, PRIORITY INTERRUPTS FOR I/O AND COUNTER/TIMERS
- TWO PROGRAMMABLE 8-BIT COUNTER/TIMERS, EACH WITH A 6-BIT PROGRAMMABLE PRESCALER
- REGISTER POINTER SO THAT SHORT, FAST INSTRUCTIONS CAN ACCESS ANY ONE OF THE NINE WORKING REGISTER GROUPS
- ON-CHIP OSCILLATOR THAT ACCEPTS CRYSTAL OF EXTERNAL CLOCK DRIVE
- AVAILABLE IN 8MHZ AND 12MHZ VERSIONS.
- SINGLE 5V SUPPLY VOLTAGE
- ALL PINS TTL COMPATIBLE
- 28-PIN DUAL-IN-LINE AND 28-LEAD CHIP CARRIER PACKAGES AVAILABLE

BLOCK DIAGRAM

