4201A

CLOCK GENERATOR

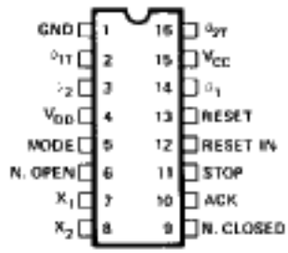
- **Complete Clock Requirements for MCS-40™ Systems**
- **Crystal Controlled Oscillator (XTAL External)**
- **MOS and TTL Level Clock Outputs**
- **Provides MCS-40 Reset Function Signal**
- **Standard Operating Temperature Range of 0° to 70°C**
- **Also Available with -40° to +85°C Operating Range**

The 4201A is a CMOS integrated circuit designed to fill the clock requirements of the MCS-40 microcomputer family. The 4201A contains a crystal controlled oscillator (XTAL external), clock generation circuitry, and both MOS and TTL level clock driver circuits.

The 4201A also performs the power on reset function required by MCS-40 components and provides the logic necessary to implement the single-step function of the 4040 central processor unit.

PIN CONFIGURATION

4201A



BLOCK DIAGRAM

