

# 4201A

## CLOCK GENERATOR

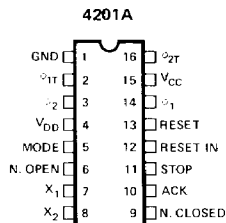
- Complete Clock Requirements for MCS-40™ Systems
  - Crystal Controlled Oscillator (XTAL External)
  - MOS and TTL Level Clock Outputs
- Provides MCS-40 Reset Function Signal
  - Standard Operating Temperature Range of 0° to 70°C
  - Also Available with -40° to +85°C Operating Range

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.

MCS-41/40

### PIN CONFIGURATION



### BLOCK DIAGRAM

