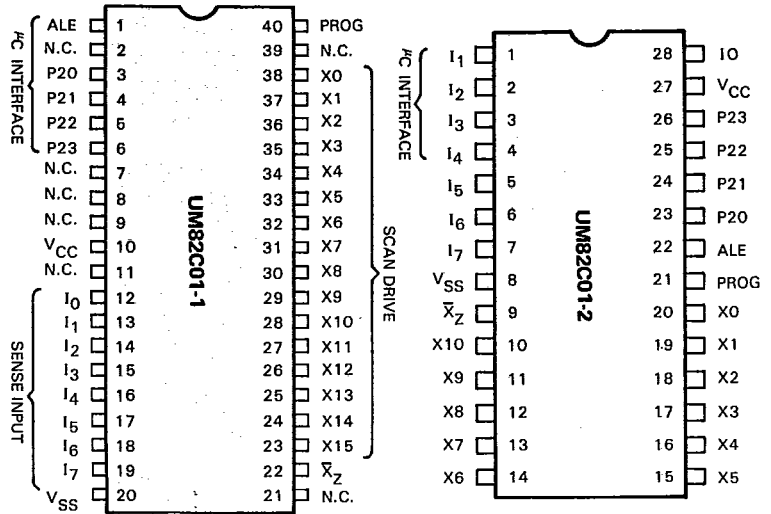


# UM82C01 Capacitance Keyboard Encoder (CKE)

## FEATURES

- 16x8 Matrix, can Build up to 128 Key Capacitance Keyboard
- Single Chip with 16 Scan Drive Outputs and 8 Sense Inputs.
- Two Types of Package. 28 Pin for 88 Key KB and 40 Pin for 128 Key KB.
- Keyboard Scanning and Encoding under Complete Control of the User's Computer, Especially UM8048  $\mu$ C.
- Single 5V Supply.
- High-speed CMOS Technology.
- Serve as Easy Interface to UM8048.
- New CMOS Sense Technology, CMOS Analog Sense Circuit is Built in.
- Byte Wide Sense, Higher Performance than Serial Sense Technology
- Wide UM8048 Frequency Range, 1M to 11MHz UM8048 can be used.

## PIN CONFIGURATION



# UM82C11 Printer Adapter Interface (PAI)

## FEATURES

- Programmable Parallel Printer Interface
- TTL Compatible Inputs/Outputs to Printer
- User-controlling Interrupt Request
- High Driving Capability
- Z-80 and 8088 Interface Capability
- On-Chip Oscillator can be used to Generate 1.5 to 20 MHz Oscillation
- Single 5V Power Supply
- Silicon Gate CMOS LSI

## PIN CONFIGURATION

