



T-95-37-05

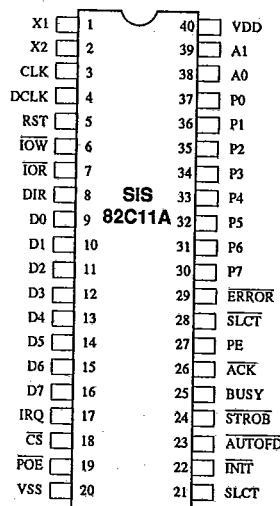
MICROCOMPUTER & PERIPHERAL IC

SIS 82C11A Bidirectional Printer Adaptor Interface

FEATURE

- Fully Programmable BI-Directional Parallel Printer Interface
- Software Controlled Interrupt Request
- Completely TTL Compatible I/O
- Fully Compatible with 8086 or Z-80 Microprocessor Family
- On-chip Oscillator can be used to generate 1.5MHz to 20MHz Oscillation
- Reduces System Package Count
- Single + 5V power supply

PIN ASSIGNMENT



SIS 82C450/SIS 82C50A Asynchronous Communication Element

FEATURE

- Compatible with NS 16C450/82C50A
- Independent Receive, line status, and data set interrupts.
- Programmable baud rate generator allows division of any input clock by 1 to $2^{16}-1$ and generate the internal 16X clock
- Independently Controlled Transmit, Receive, Line Status, and Data Set Interrupts
- MODEM Control Functions (CTS, RTS, DSR, DTR, RI, and DCD)
- Fully programmable serial-interface characteristics:
 - 5-, 6-, 7-, or 8-bit characters.
 - Even, odd, or no-parity bit generation and detection.
 - 1, 1 1/2, or 2 stop bit generation
 - Baud rate generation (DC to 56K baud).
- False Start Bit Detection
- Complete Status Reporting Capabilities
- Line Break Generation and Detection
- Internal Diagnostic Capabilities
 - Loopback controls for communications link fault isolation.
 - Break, parity, overrun, framing error simulation.
- Fully Prioritized Interrupt system Controls

PIN ASSIGNMENT

