

Universal Asynchronous Receiver/Transmitters (UARTs)

Type	Function	Features	Package No. of Pins
CDP1854A	Programmable UARTs	• Programmable word length, stop bits and parity • Baud rate to 200K bits/s at 5V (400K at 10V) • Two operating modes (CDP1854A) selected by pin 2 ▶ Mode 0: (pin 2 grounded) – hardware programmable word length, stop bits and parity ▶ Mode 1: (pin 2 at V_{DD}) – interfaces directly to 1800-series μPs without additional components; software-selectable word length, stop bits and parity • CDP6402 industry standard pinout (pin 2, no connection). Direct replacement for IM6402 and HD6402 • Single, noncritical voltage supply • Operating temperature range (maximum ratings): ▶ Ceramic package (D): -55°C to $+125^{\circ}\text{C}$ ▶ Plastic package (E and Q): -40°C to $+85^{\circ}\text{C}$	40 • D E 44 Q
CDP6402			40 • D E
HD-6402R, HD-6402B	UART	• Operates from DC to 8MHz (DC to 500Kbaud) • Programmable word length, stop bits and parity • Industry-standard pinout • Single +5V power supply • Fully TTL compatible • Automatic data formatting and status generation	40 # CH FD
HD-6406	Programmable Asynchronous Communications Interface	• UART/Baud rate generator in a single 40 pin package • Data rates from DC to 1Mbaud with an asynchronous 16X clock • 72 programmable baud rates • Complete modem interface signals • DMA handshaking operation • Low power operation: ▶ 1mA/MHz, typical • 28 pin version available (82C52)	40 # CH FE BN NF

Transmitter/Receiver

Type	Function	Features	Package No. of Pins*
ICL232	+5V Powered Dual RS-232 Transmitter/Receiver	• Meets all EIA RS-232C Specification • Requires single +5V power supply • CMOS/TTL input compatibility • Two on-board charge pump voltage converters • Available in a variety of operating temperature ranges: ▶ 0°C to $+70^{\circ}\text{C}$ ▶ -25°C to $+85^{\circ}\text{C}$ ▶ -55°C to $+125^{\circ}\text{C}$	16 PE JE

* See interpretation guide and packaging section

See interpretation guide and package availability chart