

Bit Rate Generator (BRG)

Type	Function	Features	Package No. of Pins*
HD-4702	Bit Rate Generator (BRG)	<ul style="list-style-type: none"> • Low power dissipation • Programmable bit rate selection • 13 commonly used bit rates • Uses standard 2.4575MHz crystal • Conforms to EIA RS-404 • On-chip input pull-up circuits 	16 4Z 7H LA

Manchester Encoders/Decoders (MEDs)

Type	Function	Features	Package No. of Pins
HD-6408	Asynchronous Serial Manchester Adapter (ASMA)	<ul style="list-style-type: none"> • 1Mb/s data rate • Sync identification and lock-in • Clock recovery • Manchester II encode and decode • Low bit error rate • Industrial temperature range: -40°C to +85°C 	24 7C
HD-6409	Manchester Encoder/Decoder (MED)	<ul style="list-style-type: none"> • 1Mb/s data rate • Digital PLL clock recovery • On-chip oscillator • Independent Manchester II encode and decode • Wide temperature ranges available: -40°C to +85°C, -55°C to +125°C 	20 CK 7M BE
HD-15530	Manchester Encoder/Decoder (MED)	<ul style="list-style-type: none"> • Support of MIL-STD-1553 • 1.25Mb/s data rate • Sync identification and lock-in • Clock recovery • Separate encode and decode • Low operating power: 50mW @ 5V • Full temperature range: -55°C to +125°C 	24 4K 7C BA
HD-15531	Manchester Encoder/Decoder (MED)	<ul style="list-style-type: none"> • Support of MIL-STD-1553 • 1.25Mb/s data rate • 2.5Mb/s option (HD-15531B) • Sync identification and lock-in • Clock recovery • Variable frame length to 32 bits • Separate encode and decode • Low operating power: 50mW @ 5V • Full temperature range: -55°C to +125°C 	40 CH FD BP

* See interpretation guide and package availability chart