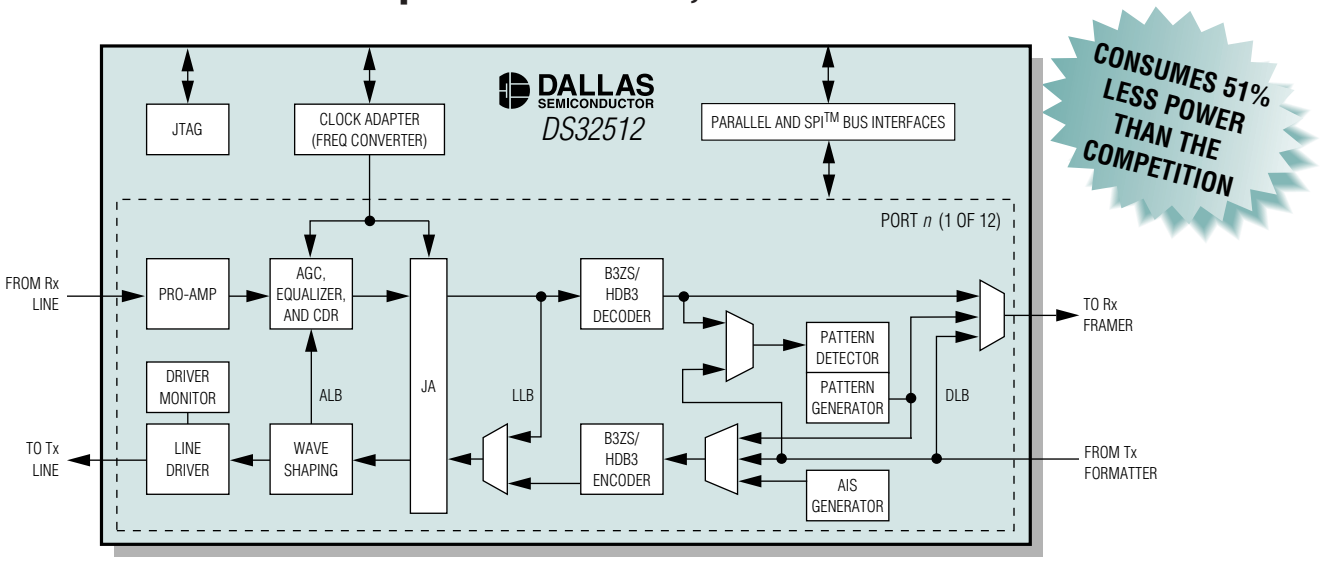
TINY MULTIPORT T3/E3 LIUs OFFER INDUSTRY-LEADING FEATURES

Less than 170mW per Port in a Small, 23mm x 23mm BGA



Industry-Leading LIU Features

- Adaptive Clock and Data Recovery for 0 to 1500ft (457 Meters) of Cable
- Built-In Jitter Attenuators (Tx or Rx, 16-/32-/64-/128-Bit Depth)
- 8-/16-Bit Parallel, SPI Serial, or Hardware-Mode Control Interface

Simplifies Board Design

- Software-Adjustable Transmit Waveform (per Port)
- Internal Software-Selectable Termination Resistors
- High-Impedance Tx and Rx Enable Hot-Swappable 1:1 and 1+1 Redundancy Without Relays
- Accepts Common System Clocks (e.g., 19.44MHz); No Local Oscillators Required
- Generates All LIU Clocks from a Single-Input Clock

Part	No. of Ports	Power (W)	Package
DS32512	12	2.0	23mm BGA
DS32508	8	1.4	23mm BGA
DS32506	6	1.1	23mm BGA

43% SMALLER THAN THE COMPETITION

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