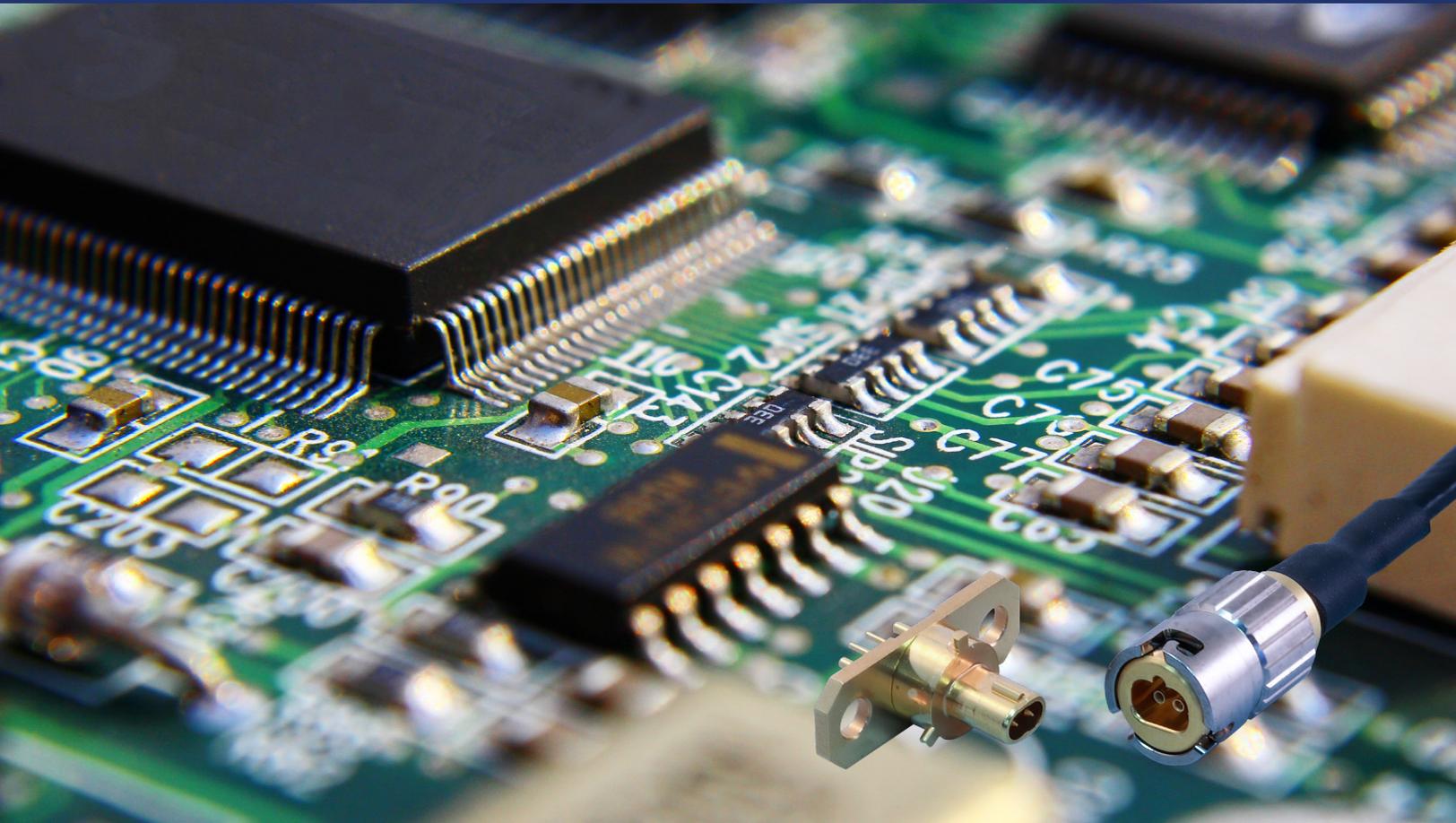




VersaLink Bridge: bypass high-loss board traces with a low insertion-loss and low signal-latency point-to-point twinax jumper



High-speed data transmission from one PCB to another, from one side of a backplane to another, or even from one side of a complex embedded system to another, is frequently accomplished by routing high-speed traces on a dedicated high-speed signal layer. This is a complex assignment—fraught with potential for impedance discontinuities and unacceptable insertion loss—as traces must navigate difficult and/or long routing paths around via columns and other board irregularities. The Glenair VersaLink Bridge is a high-density, micro-form factor twinax connector / jumper assembly used to bridge the gap between point A and point B on the board (such as between two SML integrated circuit chips) with better signal integrity than native board traces can ever deliver. VersaLink Bridge is equally capable of dramatically reducing insertion loss and signal latency for data traffic between an ASIC or FPGA and the I/O.

- Small footprint, high-density solution
- Versatile solder-mount or screw-mount board termination
- 100 Ohm differential twinax
- Push-pull for quick disconnect mating or bayonet-lock for MIL-DTL-83513 shock and vibration applications
- Keyed polarization prevents mis-mating
- Low insertion loss and low signal latency for high datarate board transmissions

Right-angle bayonet-lock version for high shock and vibrate applications



See Glenair application note AN0011 for more information on this advantage