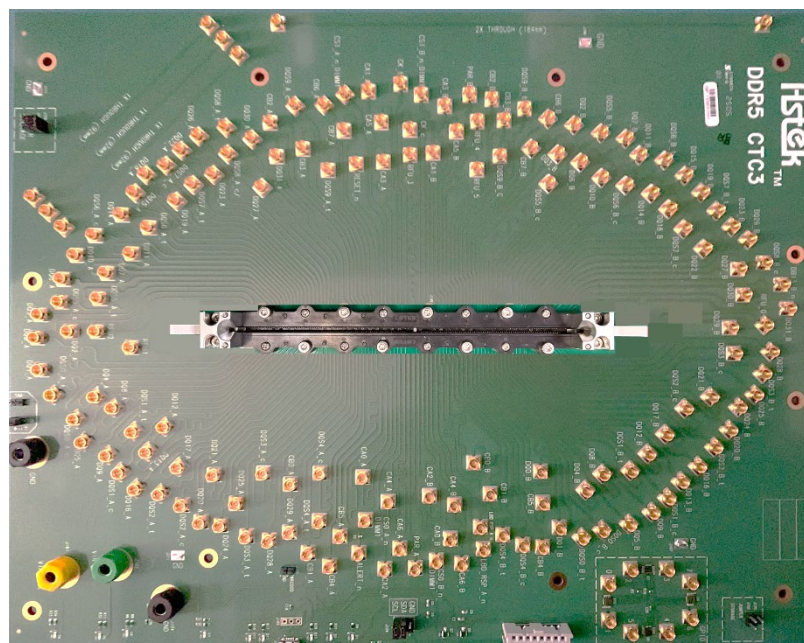


CTC3 MRDIMM Test Fixture

Product Brief



DDR5 MRDIMM Channel Test Card (CTC)

CTC3 Test Fixtures enable engineers to access all DDR5 MRDIMM signals via SMP interface to a 287 pin MRDIMM socket. CTC3's design with emphasis on signal integrity is, realized through board fabrication using high speed, low loss materials and high performance SMP connectors. USB interface provides access to I2C device control. CTC3's are available in three configurations with either a high performance/high reliability DDR5 DIMM test socket, standard DDR5 MRDIMM socket or without a DDR5 DIMM socket attached,

Features

- All high-speed signals brought out to high-performance SMP connectors.
- All signals are matched to within 1 ps.
- MRDIMM gold finger 220 not connected.
- High performance/high reliability MRDIMM Test connectors (>1000s of insertions)
- Supports MRDIMM testing AND test card testing (RVC2 test card, etc.)
- I2C control via USB
- VIN_BULK and VIN_MGMT external Power Supply inputs
- 1x and 2x reference traces for BERT and scope calibration
- Eight General Purpose I/Os (aka RESET, CS[1:0],...,)

Ordering Information

| Model Number | Product Description |
|--------------|---|
| A9-CTC3-01 | CTC3 with high performance/high reliability DDR5 MRDIMM test socket |
| A9-CTC3-02 | CTC3 with Standard Socket Installed |
| A9-CTC3-03 | CTC3 with No Socket Installed |

For more information, contact your sales representative or visit the Astek web site at: www.astekcorp.com