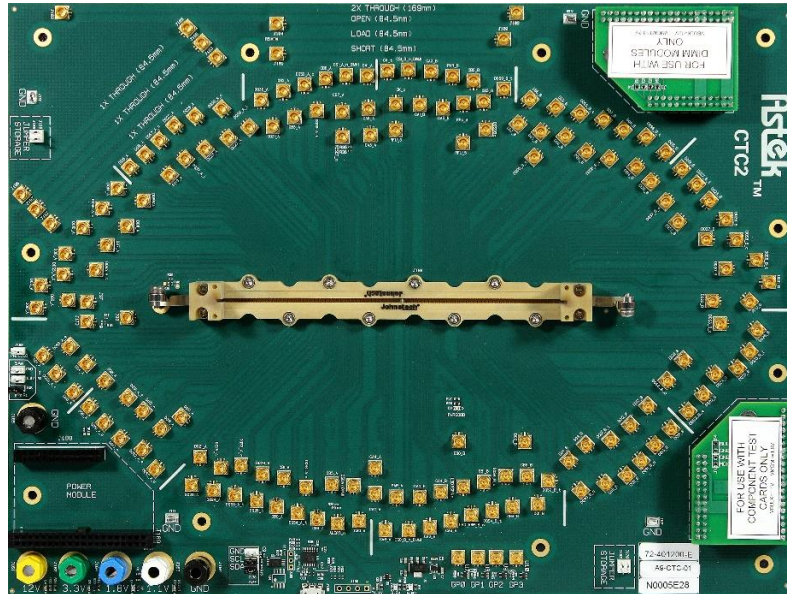


A9-CTC2

Product Brief



DDR5 Channel Test Card (CTC)

The A9-CTC2 Test Fixture enables designers to access all signals from a DDR5 DIMM by plugging a DIMM directly into the test fixture. The test fixture is constructed from high speed, low loss MEGTRON 6 material. The test fixture also allows direct control of the I2C lines by connecting to a USB terminal. The test fixture can be assembled with a high performance DDR5 DIMM socket, a standard DDR5 DIMM socket or the board can be assembled without any DDR5 DIMM socket attached.

Features

- All high-speed signals brought out to SMP connectors
- All signals matched to within 1 ps
- High performance DIMM connectors (1000s of insertions)
- Supports DIMM testing AND test card testing (RCD test card, DB test card, etc)
- Power adapter architecture provides “expansion” capability for advanced power testing
- USB connection to I2C (J3C) signals (I2C adapter can be removed via jumpers)
- Banana jacks for power input
 - 12V and 3.3V for DIMM mode
 - 1.1V and 1.8V for Test Card mode
- Reference traces for calibration of BERT and scope
- De-embed files will be included

Ordering Information

Model Number	Product Description
A9-CTC2-01	CTC2 w/ High Performance Socket Installed
A9-CTC2-02	CTC2 with Standard Socket Installed
A9-CTC2-03	CTC2 with No Socket Installed

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