SCANWORKS® MULTI-TAP REMOTE INSTRUMENTATION CONTROLLER (RIC-4000)

PRODUCT OVERVIEW

The Remote Instrumentation Controller (RIC) provides an extremely flexible interface for communication between your ScanWorks® platform and your unit under test (UUT). It supports autosensing Ethernet and connects directly to your UUT. The RIC-4000 controller will be setup with an IP-address of your choice to make it available on your network. With the proper network connections and permissions, you can sit at your desk and control operations on a UUT anywhere in the world.

FEATURES

The RIC-4000 comes with four TAPs, 32 software controllable bi-directional DIO signals (8 per TAP), programmable TCK up to 50 MHz, and UUT logic levels from 0.8V to 3.3V. It supports 10/100/1000 CAT5E/6 Ethernet all in a rugged enclosure. The RIC-4000 Kit includes:

- The controller module
- UUT cable(s) depending on selection options
- CAT5e ethernet cable (2 meters)
- Power supply, AC-DC 5V 4A

FLEXIBLE UUT INTERFACE

The TAP port concatenation is controllable by software, allowing a very flexible connection to the UUT and any daughter boards, or interface boards in the system. Voltage on each TAP-port and DIO-signals are individually software controlable. Individual termination on each TAP signal and some DIO signals, all software selectable.

Key Features

- 1-4 TAP ports to the UUT
- 32 DIO, 8 per TAP
- Software selectable TAP and DIO voltages, 0.8V-3.3V
- All signals are 5V tolerant
- 160kHz to 50MHz TCK
- Autosensing Cat5e Ethernet
- SVF, STAPL for ISP
- Scan by scan debug

SCANWORKS PLATFORM FOR EMBEDDED INSTRUMENTS

ScanWorks Platform for Embedded Instruments is a seamless software environment to access, run and collect data from any instrument in your chips, circuit boards or systems. The ScanWorks Platform includes products for Boundary-Scan Test (BST), Processor-Controlled Test (PCT), High-Speed I/O (HSIO) Validation, FPGA-Controlled Test (FCT) and IJTAG test.

ASSET CONTACTS:

Please contact your ScanWorks sales representative for more information.

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