

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 anyplace 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 controllable. 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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