

# JT 2147/eDAK QuadPod

Specifically designed for use within a MAC Panel 'Scout' mass interconnect interface



- ✓ **40 MHz TCK max**
- ✓ **4 TAPs, programmable voltages**
- ✓ **Optional 64 digital I/O Channels**
- ✓ **MAC Panel**

The JT 2147/eDAK 'QuadPod' is one of the ATE integration versions of the standard JT 2147 QuadPod normally supplied with JT 37x7/xx controllers. While the JT 2147/eDAK is electrically equivalent to the JT 2147 it has been built into a MAC Panel 'Scout' eDAK high integrity interface kit and includes the functions of the transceiver plus four TAP pods and optionally 64 DIOS\* channels accessed via TAP numbers three and four. Connection to the JT 2147/eDAK will most often be direct onto a JT 37x7/PXI or /PXIe controller via a short high-density 50way SCSI-II cable as part of a PXI-based ATE.

The JT 2147/eDAK assembly has been designed with PXI(e) system builders in mind and thus all TAP signals static IO and DIOS channels are made available to the user via the regular MAC Panel 200 pin connector. This feature ensures optimum signal integrity to the fixture receiver and also simplifies wiring tasks.

*\* Digital IO Scan – allows UUT tests to be enhanced with synchronized IO that can connect to connectors or test points on your UUT.*

Each of the four TAP connector groups includes ports for flash memory AutoWrite, Ready/Busy and other application specific signals. Furthermore SCIL functions can optionally be programmed to allow alternative functions for the pod. These are:

- SCIL – 047 – 4 x TAP + 64 DIOS channels
- SCIL – 418 – 4 x interface to MPC500 BDM

Note that with a SCIL function implemented on one of the DIOS TAPs (#3 and #4) the optional DIOS channels for that TAP become unavailable.

The JT 2147/VPC has a 200-pin connector as standard. A special 96-pin version is also available. Please contact your local sales office for detailed pin-out information of the JT 2147/eDAK and system integration data as required.

## Global Representation

Want to know more about our solutions and products?  
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