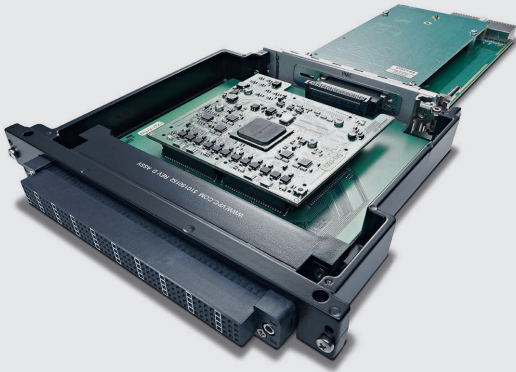


# JT 2147/VPC QuadPod

Specifically designed for Virginia Panel Corporation's mass interconnect interface



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

The JT 2147/VPC '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/VPC is electrically equivalent to the JT 2147 it has been built into a Virginia Panel Corporation (VPC) high integrity interface kit and includes the functions of the transceiver plus four TAP pods, and additionally 64 DIOS\* channels accessed via TAP numbers three and four. Connection to the JT 2147/VPC 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/VPC 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 VPC 192 pin Quadrapaddle 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.

Please contact your local sales office for information on the pin-out of the 200-pins JT 2147/VPC connector and for system integration data as required.

## Global Representation

Want to know more about our solutions and products?  
Please contact us at our head office or visit our contact page.

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