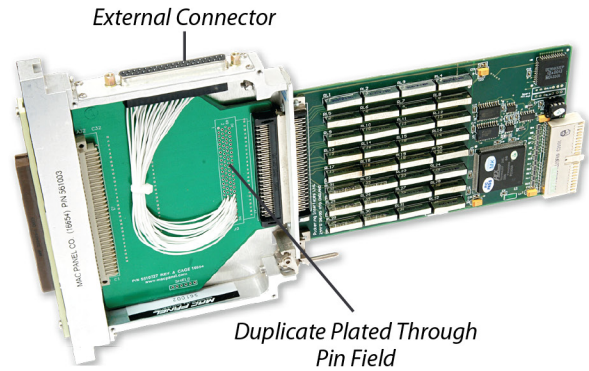
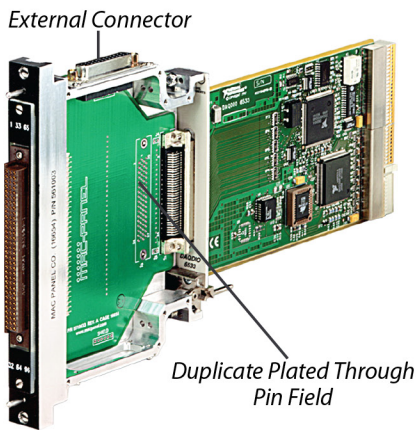


A Breakthrough in PXI ATE

Direct Access has and will continue to have a significant impact on PXI ATE as system designers further take advantage of the DAK enclosure for more than passively carrying signals. SCOUT, via the DAK form factor, provides valuable real estate perfectly suited for the addition of external connectivity, active components or secondary instrumentation.

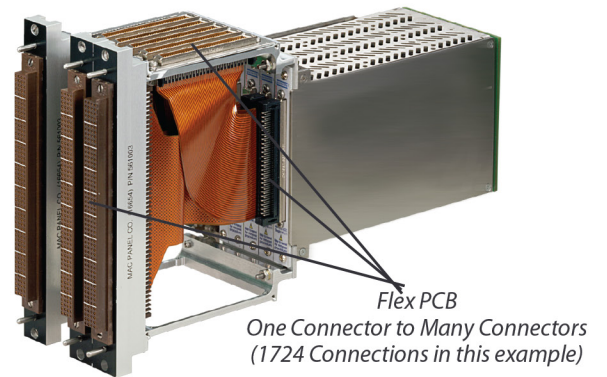
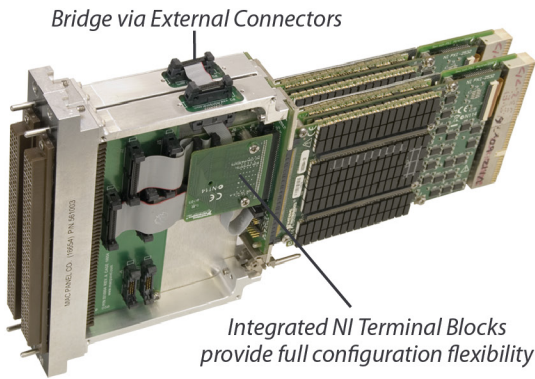
Integrated In-Test Signal Monitoring or External Instrumentation

All DAK variants allow system designers to easily incorporate signal monitoring or external I/O via user defined external connectors on the top or bottom rails of the DAK Adapter.



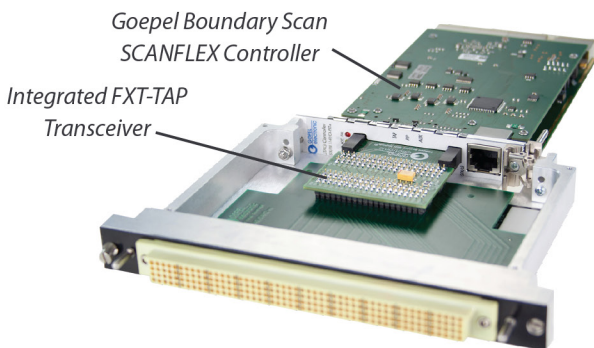
Enhanced Switching

DAKs offer near limitless opportunities to enhance PXI switching flexibility. Bridge high density switch cards via external connectors or achieve unprecedented I/O density by combining flexible PCBs with NI Switch Block solutions.

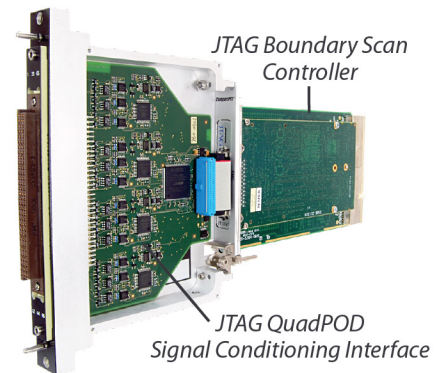


Incorporate Secondary Instrumentation / Active Circuitry

Reduce costs by incorporating expensive secondary instrumentation on the system/receiver side and eliminate the need for



SFX/PXle1149/C4-FXT-x by Goepel Electronics



JT2147/DAK by JTAG Technologies

Need to develop a Custom Direct Access Solution?

Partner with us to work cooperatively towards developing a Direct Access Solution to enhance your PXI instrumentation.

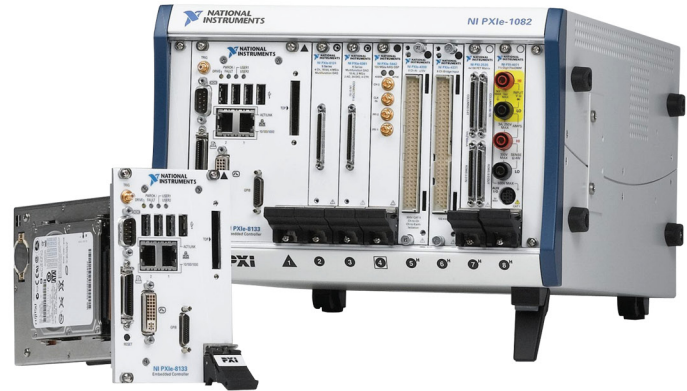
The process is **EASY**:

1. Specify PXI Instrumentation List and Application Specific Information

- Switching Requirements
- Wiring Diagrams & Pin Out Lists
- # of Terminations, etc.

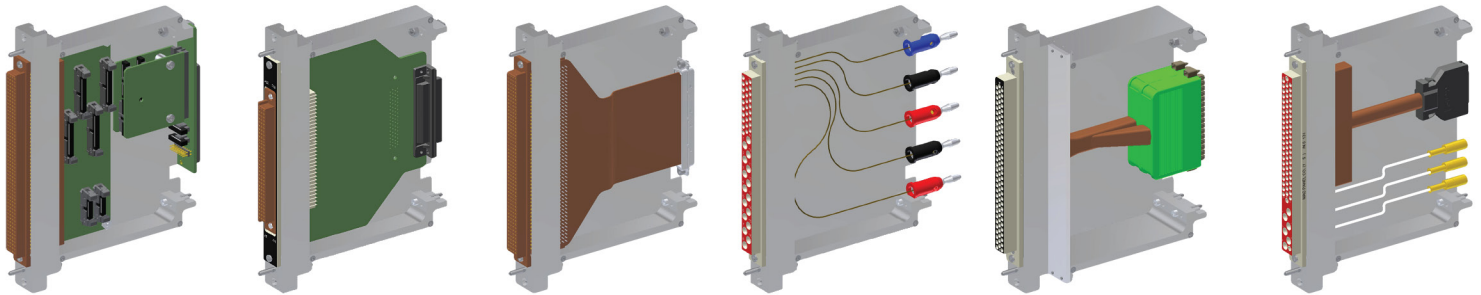
2. Specify DAK Features

- Standard Form Factor (4")
- Extended Form Factor (6")
- PCB (Rigid or Flex) Connectivity
- Coax Cable (Rigid or Semi-Rigid) Connectivity
- Short-run Fixed Wire Connectivity
- Custom PCB
- Secondary Instrumentation
- External Connector Requirements, etc.



Our Applications Engineers will do the rest:

We will research all relevant PXI Instrument and connector specifications to determine if an existing DAK will suit the application requirements. If no existing DAK will suit the application, we will develop a CAD model for a new DAK design that will be thoroughly tested for desired mechanical performance. At this stage, it is possible to develop a DAK prototype that can be mounted onto the PXI Instrument and fully tested for both mechanical and electrical performance.



Generally, there are **NO NRE CHARGES associated with developing new DAK designs. For highly customized designs where a small NRE charge may apply, we are **ALWAYS** up front about any charges, long before they are incurred.*

Prefer to develop your own Custom Direct Access Solution?

We are happy to accommodate white label branding and provide everything you need to develop a custom Direct Access Solution to enhance YOUR PXI Instrumentation.

We will provide everything you need:

- Relevant Engineering Drawings
- Interface Connector Modules
- DAK Enclosure
- Custom Faceplates or Rails
- External Connectors, etc.

Go to macpanel.com/enhance

Learn more about how SCOUT + Direct Access Technology can enhance and differentiate your PXI ATE Instrumentation or contact us directly at applications@macpanel.com.

● **Integrated Signal Monitoring**
integrated directly in the DAK form factor

● **Enhanced Switching**
bridge multiple switch cards

● **Merge Secondary Instruments**
integrated directly in the DAK form