

onTAP Serializer & GPIO Board

JTAG Tap Serializer for 4 boards, VREF Voltage Sources from 1.8 - 5V, Independent 196 GPIO Drive and Capture Test Points

Maximize Test Capability

The need to organize and test multiple boards or chains individually is a common challenge. Flynn Systems has created the Serializer GPIO Board as a cost effective utility board to deliver onTAP users the organization and flexibility they require to easily test and program multiple boards with individualized tests for each unit under test (UUT).

The Serializer GPIO Board's capability to test multiple boards is enhanced by having 196 CPLD based drive and capture points to easily make measurements of the UUTs for greater power during debug .

Key features of the onTAP Serializer and GPIO Board include:

- Organized and straightforward test setup
- **JTAG TAP Serializer for 4 boards**
- Automatic level shifting and buffering as required
- Connect via simple flying leads or ribbon cable - same as onTAP USB JTAG Test cable.
- **VREF voltage sources 1.8V, 2.5V, 3.3V, and 5V available on board**
- **196 CPLD based GPIO lines per board**

The onTAP Serializer and GPIO Board comes with:

- **User Guide**
- **5VDC Wall Adaptor**
- **2 IDC Ribbon Cable**
- **3 Fly Lead Adaptors**
- **5 Jumper Wires**

Highlights: onTAP Serializer & GPIO Board

Serializer

- Organize and test multiple UUTs from a convenient location
- Run 1 - 4 JTAG chains per Serializer & GPIO Board
- Serializer boards can be daisy chained to run more than 4 chains.
- Chains are level shifted and buffered as required
- Connect via simple ribbon cable or flying leads
- VREF is available on board

GPIO

- 196 CPLD based GPIO lines
- Merge CPLD with netlist, and access 1200 test points

