

# onTAP HighSpeed USB JTAG Cable

Adjustable TCK Rate: 280KHz - 15MHz and 28.8V, Two self adjusting JTAG Taps, Vref Voltage Sources from 1.8 - 5V, External Vref 1.8V - 4.5V

## Speed up boundary scan test and programming

The onTAP HighSpeed USB JTAG Controller is a flexible, PC-based, high speed test and programming tool. This versatile HighSpeed cable offers dual-channel JTAG ports, with both ports capable of test and programming speeds up to 28.8MHz, plus an adjustable internal voltage with a range from 1.8V to 4.5V for instances when target Vref is not available Adjustable internal Voltage 1.8V - 4.5V. These features, along with a new USB driver, bring increased speed to multiple JTAG chain testing and reduces Flash programming time by half.

Key features of the onTAP HighSpeed USB JTAG Controller include:

- 30 MHz (nominal) TCK rate - 280KHz- 15MHz + 28.8MHz
- Two self adjusting JTAG ports
- Internal Voltage Adjust 1.8V - 4.5V

The onTAP HighSpeed USB JTAG Controller comes with:

- **User Guide**
- **mini-USB cable**
- **2 IDC Ribbon Cable OR**
- **2 Fly Lead Adaptors**
- **2 Shunts**

### Highlights: onTAP HighSpeed USB JTAG Controller

- Adjustable TCK rate 280KHz to 15MHz and 28.8 MHz
- Adjustable internal voltage 1.8V - 4.5V
- Two, self adjusting, JTAG taps
- Test and program two JTAG chains
- Cut test and programming times by half
- Auto sensing voltage through Vref for devices operating from 1.8V to 5V
- Hot plug and play USB device
- Internally powered at 3.3V from USB ports and hubs.

