



editions to meet the budgets and technical requirements of nearly any developer working with USB Type-C and will be in the labs of a variety of users ranging from hobbyists to the world's largest tech manufacturers.

Major Features

The USB Type-C Tracker uniquely supports one-click concurrent, synchronous capture of the protocols and electrical parameters listed below.

- USB Power Delivery 2.0 and 3.0
- USB 2.0
- DisplayPort™ Alternate Mode over USB-C™
- DisplayPort™ Auxiliary (AUX) over the USB Type-C Side-Band Use lines (SBU)
- Thunderbolt™ 3 Control over the USB Type-C Side-Band Use lines (SBU)
- USB Type-C Port Controller Interface (TCPCI) over I2C
- I2C
- Serial Wire Debug (SWD)
- Serial Peripheral Interface (SPI)
- UART
- HDMI Alternate Mode
- Logic / GPIO Signals
- Voltage Tracking for USB Type-C Communications Channel (CC and Vconn), both SBU lines, and Vbus

For more information on features and configurations, visit: <http://www.ellisys.com/products/ctr1/purchase.php>

USB Type-C Background

The USB Type-C Cable and Connector Specification was released by the USB Implementers Forum (USB-IF) in 2014 as a future-proof standard designed to provide slimmer connections, user-friendly reversibility for plugs and cable direction, and to support scalable power and increased performance for USB technologies, as well as Alternate Modes, including DisplayPort, Thunderbolt 3, HDMI, and others. This specification was preceded by the release of the USB 3.1 Specification in 2013 and the USB Power Delivery Specification in 2012.

Ellisys USB Products and Background

Ellisys introduced its first USB analyzer in 2000 and has progressively introduced innovative protocol analyzers, traffic generators, and industry-approved compliance test solutions for multiple USB specifications, including USB 2.0, USB 3.0, USB 3.1, Wireless USB, USB Type-C, and USB Power Delivery. Ellisys engineers operate within the USB-IF Device Working Groups, including several compliance and specification committees, to advance the development of USB technologies and support our customers with accurate and timely product updates and evolutions.

Availability, Product Photos, and Information

The USB Type-C Tracker is available for immediate purchase with shipments 2-4 weeks from order placement. Two configurations are provided to meet a variety of customer price and feature requirements. These configurations include the Standard and Professional editions. For more information, including software downloads, please contact sales@ellisys.com or visit www.ellisys.com/ctracker.

A high-resolution picture of the product is available at: http://www.ellisys.com/products/ctr1/images/ctr1_unit.png

About Ellisys

Ellisys is a leading worldwide supplier of advanced protocol test solutions for Bluetooth®, Wi-Fi®, USB 2.0, SuperSpeed USB 3.1, USB Power Delivery, USB Type-C™, DisplayPort™, and Thunderbolt™ technologies. More information is available on www.ellisys.com.

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