

Gigabit TAP Trace Daughter Card Upgrade Kit ☆

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This Upgrade kit adds TRACE capability to the Gigabit TAP (CWH-GTP-JTAG-HE) Probe. This Trace capability is available for select Freescale Integrated Circuits only – see "Supported Devices" for up to date compatibility.

This Freescale Trace card connects to the Freescale device via an Aurora SerDes communications channel. The card is selectable between 1 or 2 lane aurora channels operating at 2.5GHz and 3.125GHz, which is based upon your selections for your hardware board. The card has 4 GBytes of RAM to store very large volumes of Nexus formatted trace data.

The Trace card connects to the Gigabit TAP motherboard via a very high speed bus. Trace data is transferred to the host computer workstation running CodeWarrior via the Gigabit TAP's Gigabit Ethernet connection.

This upgrade kit does involve removing the cover of your current Gigabit TAP and then replacing the cover once the card is installed. See the installation instructions on the "Downloads" TAB.

The Nexus standard includes standard JTAG signals on the Trace connector (usually a 22 or 70 pin connector - See [CWH-GTP-A2J22-YE](#) for more information). Therefore, you do not need a JTAG probe tip if you have a 22 or 70 pin Aurora connector and the Trace card/cable.

****Do not order this upgrade kit unless you have a Gigabit TAP (CWH-GTP-JTAG-HE) in which to install the card. This card REQUIRES a Gigabit TAP and cannot operate without it.****

Related Software and Tools

- [CW_GIGABITTAP](#): Gigabit TAP Probe BASE Unit
- [CW_GIGABITTAP_PA](#): Gigabit TAP Probe TIP for JTAG Power Architecture
- [CWH-GTP-ACB22-YE](#): Aurora 22 pin Trace Cable for Gigabit TAP

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Supported Devices

- [P3041](#): QorIQ P3041 Quad-Core Communications Processors with Data Path
- + [QorIQ Communications Processors High-Performance Tier](#)

Featured Documentation

[924-26086_B](#): Aurora Nexus Upgrade Kit for the Gigabit TAP Probe

Development Suites

- [Development Suites Overview](#)
- [Purchase Options](#)
- [Professional Suite](#)

Featured Videos

- [Understanding Gigabit TAP](#) (03:47 min)
- [CodeWarrior Hardware TAP Overview](#) (02:08 min)

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Products

- [P4080](#): QorIQ P4080/P4040/P4081...
- [P3041](#): QorIQ P3041 Quad-Core C...
- [T4240](#): QorIQ T Series T4240/T4...

Documentation

- [Aurora Nexus Upgrade Kit for t...](#)
- [Gigabit TAP - Fact Sheet](#)
- [CodeWarrior USB TAP Run Contro...](#)

Software and Tools

- [Gigabit TAP Probe BASE Unit](#)
- [Gigabit TAP with Trace](#)
- [Gigabit TAP Probe TIP for JTAG...](#)

Reference Designs

- [Wireless Sensing Triple A...](#)

