Hardware Reference

iTRACE GT OCD Module (Nexus/ETM)

Ordering code	IC30320

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The iTRACE GT OCD Module can be used connected to iC3000 Emulator through the ActivePRO interface.

The Flex cable of the module is connected to an iTRACE Probe.

A green LED is lit when the module is powered on.

PIN1 location on every component is also marked on the circuit board with a square block (PIN 1 pin is soldered a square block, other pins have a round pin).

AUX Inputs

The POD has a special interface for an additional ActivePRO AUX card (IC30338), which provides 16 AUX auxiliary inputs. Signals connected to these inputs are either sampled with the trace cycle or on the signal edge change. Inputs are divided into two identical blocks with 8 inputs each. Every block has an adjustable input threshold from 0 to 3V. Inputs are 5V tolerant. For more information see the hardware reference for the ActivePRO AUX Card.

Trigger Output

A trigger output, signaling trace trigger event, is available on the hardware via a coax SMA connector. For instance, an external logic analyzer can be connected to this connector. Trace trigger event is indicated as a negative edge on the coax SMA connector. The signal returns to a high level (3,3V) on the next trace activation.

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