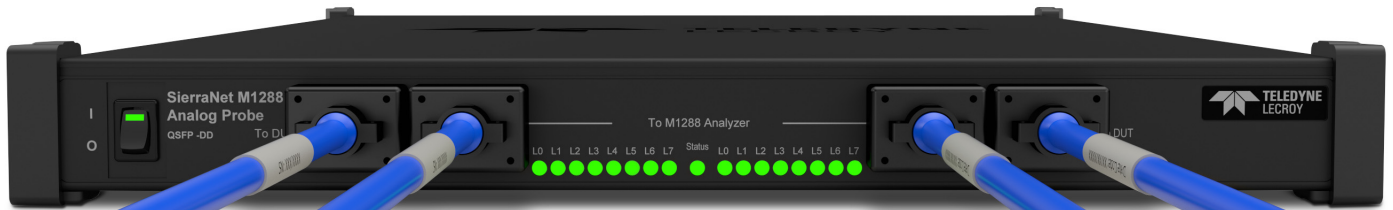


SierraNet™ M1288 Probe

Quick Start Guide



1 Introduction

The SierraNet M1288 Probe uses Teledyne LeCroy's T.A.P.6 non-intrusive probing technology, which enables complete protocol capture, fast signal locking, and very little loss and jitter. The M1288 Probe is used only with the SierraNet M1288 Analyzer to capture data up to 800Gb/s.

There are two Probe models:

Model	Description
HSF-M1288-QSFP	SNET M1288 QSFP-DD Probe
HSF-M1288-OSFP	SNET M1288 OSFP Probe

2 Components

The Teledyne LeCroy SierraNet M1288 Probe package includes the following items:

- ◆ SierraNet M1288 Probe
- ◆ C13-C14 10A power cord, 2 meter
- ◆ 2 OSFP Flat Top Shells (HSF-M1288-OSFP model only)
- ◆ This Quick Start Guide

3 Unpacking the Probe

[1] Inspect the received shipping container for any damage.

[2] Unpack the container and account for each of the system components listed on the accompanying packing list.

[3] Visually inspect each component for absence of damage.

NOTE: In the event of damage, notify the shipper and Teledyne LeCroy. Retain all shipping materials for shipper's inspection.

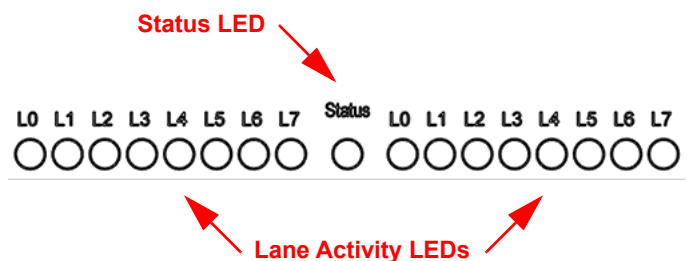
4 Front Panel Description

Probe LEDs

The front of the M1288 Probe has the following LEDs:

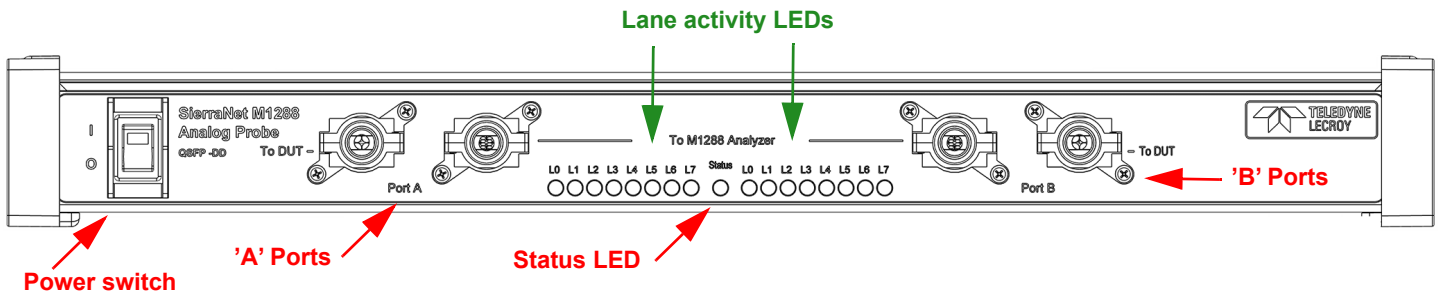
Status: The middle LED displays the connectivity status between the probe and the M1288 analyzer:

- ◆ **Red:** No (0) Analyzer cables connected to the M1288 Analyzer ports (P3/P4)
- ◆ **Blue:** One (1) Analyzer cable is connected to one of the M1288 Analyzer ports (P3/P4)
- ◆ **Blinking Green:** Both Analyzer cables are successfully connected to both M1288 Analyzer ports (P3/P4)



Lane Activity: 16 Lane LEDs indicate activity on their respective lanes.

4 Front Panel Description (continued)

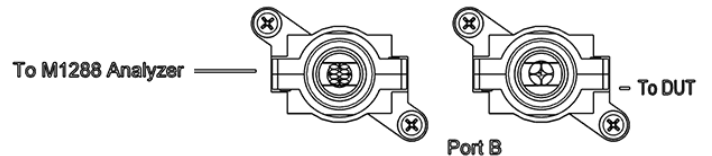


Connections

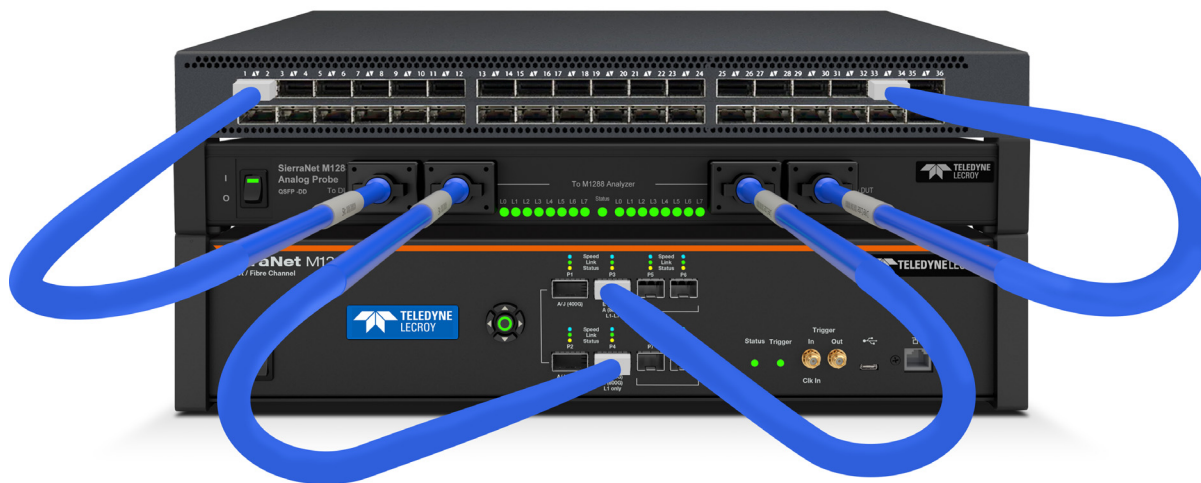
The M1288 Probe has 4 captive cables:

- ♦ **To DUT:** Connect the outermost probe cables to the devices under test (DUT).
- ♦ **To M1288 Analyzer:** Connect the innermost probe cables to ports P3 and P4 of the SierraNet M1288 Analyzer.

The left pair of Probe connections is labeled as 'A', and the right pair of connections is labeled as 'B':

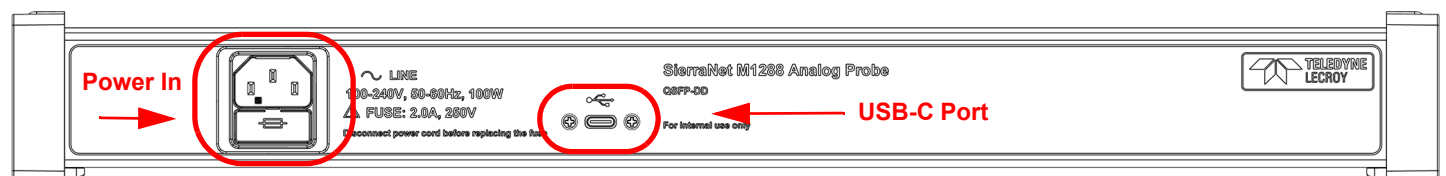


- ♦ DUT traffic on the 'A' side is recorded by the Analyzer port connected to the 'B' side.
- ♦ DUT traffic on the 'B' side is recorded by the Analyzer port connected on the 'A' side.



The SierraNet M1288 Probe, connected to a device under test (DUT), top, and a SierraNet M1288 Analyzer (bottom).

5 Rear Panel Description



On the back, the M1288 Probe has Power In connector and a single USB-C port.

Note: The USB-C connector is labeled 'For Internal use only'. Customers should not use this connector.

Warning: Do not open the enclosure. No operator serviceable parts are inside. Refer servicing to Teledyne LeCroy customer care.

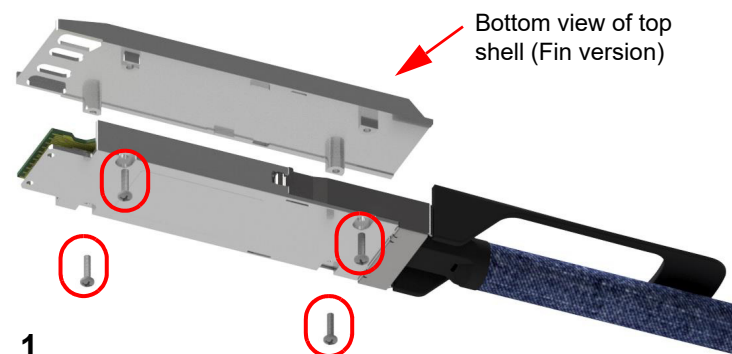


6 OSFP Shell Replacement

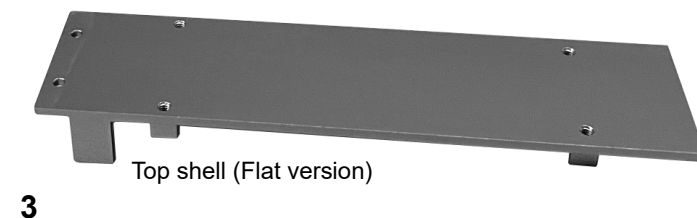
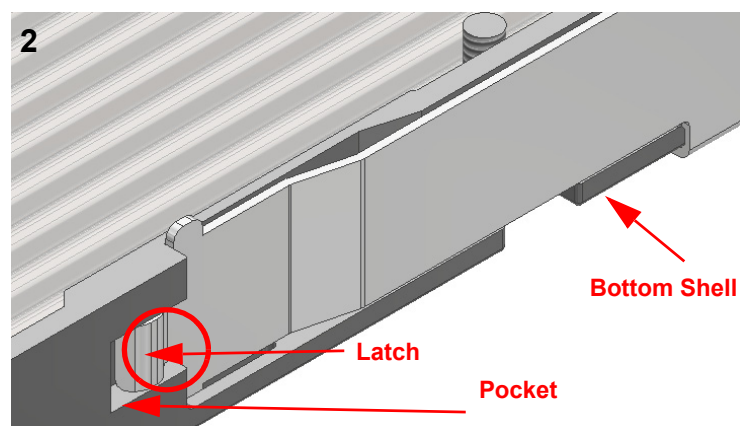
On model HSF-M1288-OSFP, the OSFP connectors on the OSFP probe cables can be swapped between a 'Fin' configuration and a 'Flat' configuration.

Step 1: Unscrew the four (4) bottom screws and remove the top shell.

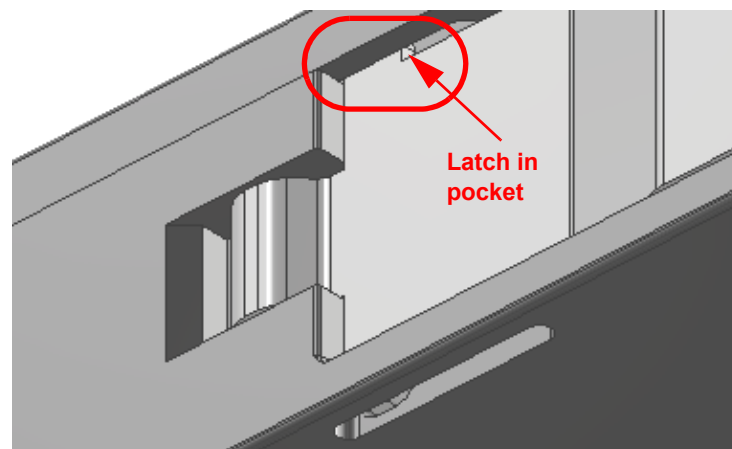
NOTE: Shell replacement is possible only on model HSF-M1288-OSFP.



Step 2: Make sure the latch from the bottom shell is fixed in its pocket before installing the top shell.



Step 3: Insert the top shell (Flat version) into the cable. Make sure the latch from the bottom shell is inserted in the top shell latch pocket.



Step 4: Insert the screws into the shell and tighten.



Environmental Conditions

- ♦ Operating temperature: 5° to 40°C (41° to 104°F)
- ♦ Non-operating temperature: -20° to 60°C (-4° to 140° F)
- ♦ Humidity: 10 to 90% RH (noncondensing)

Teledyne LeCroy Customer Support

Online Download

Periodically check the Teledyne LeCroy Protocol Solutions web site for software updates and other support related to this product.

Web: teledynelecroy.com/protocolanalyzer/ethernet

E-mail: psgsupport@teledyne.com

Support: teledynelecroy.com/support/contact



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Changes

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