

# Product Document



## Product Document

PD001012

# TARA2000-AUT Starboard

## Starboard Description

v1-00 • 2021-Jan-28

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# Content Guide

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# 1 Introduction

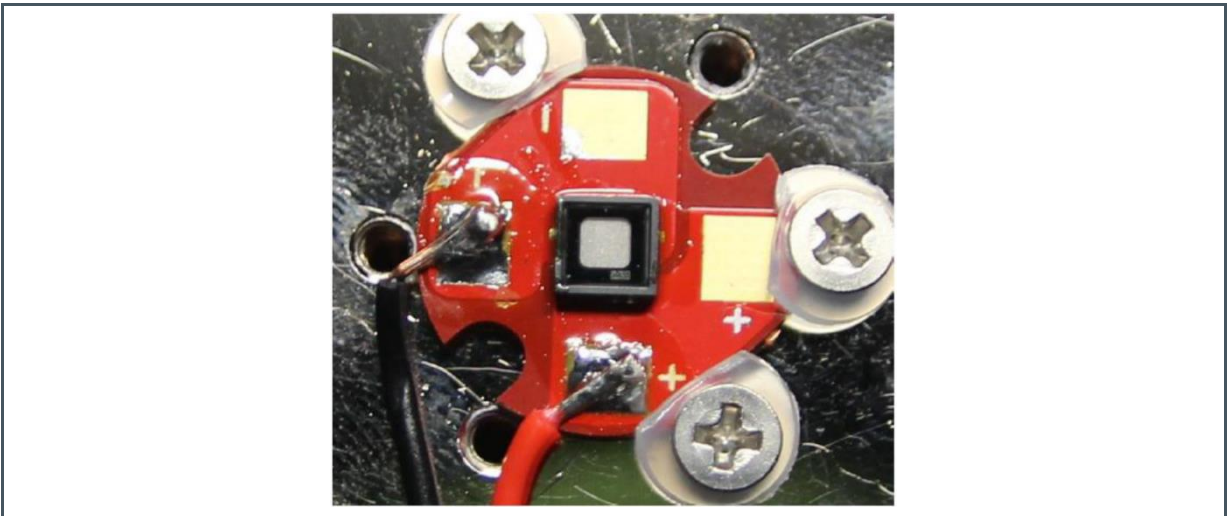
The TARA2000-AUT Starboard is a PCB adaptor with a module soldered on it, which intends to help the user to connect any TARA2000-AUT module to an external power/control unit.

It is the user's responsibility to take care of the eye safety compliance at system level.

## 1.1 Ordering Information

Ordering Code	Description
Starboards_TARA2000-850-UW-AUT	Starboard of TARA2000-850-UW-AUT
Starboards_TARA2000-940-UW-AUT	Starboard of TARA2000-940-UW-AUT
Starboards_TARA2000-940-UN-AUT	Starboard of TARA2000-940-UN-AUT

**Figure 1:**  
Illustration Picture of a Starboard (with connection cables not sold with the starboard)

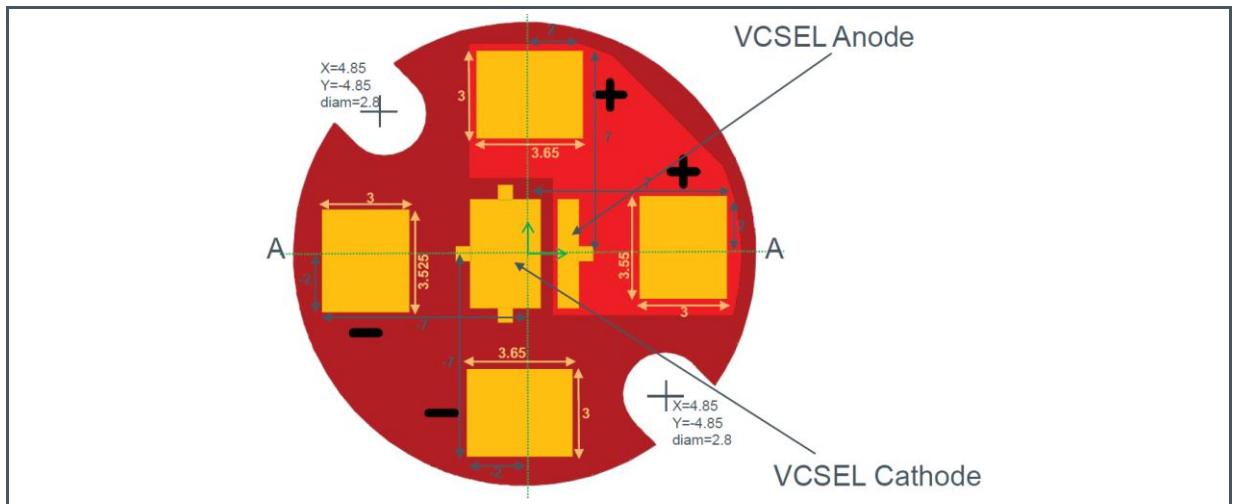


## 2 General Description and Features

The TARA2000-AUT Starboard has the following characteristics:

- Starboard diameter = 16 mm
- Starboard thickness= 1.6 mm
- Pad for pogo pin or soldered leads
- VCSEL Cathode and -ve pads on exposed base
- VCSEL Anode and +ve pads on top

**Figure 2:**  
Starboards' Dimensions



(1) All dimensions in mm

The table below summarizes the features and benefits of the starboard:

**Figure 3:**  
Added Value of Using the TARA2000-AUT Starboard

Benefits	Features
Facilitate use of the illuminator module	Module soldered on the starboard
Facilitate lab tests	Easy access to VCSEL anode and cathode Exposed connections for power connection through cable
Small footprint	Easy handling

### 3 Revision Information

Changes from previous version to current revision v1-00	Page
Initial release	

- Page and figure numbers for the previous version may differ from page and figure numbers in the current revision.
- Correction of typographical errors is not explicitly mentioned.

## 4 Legal Information

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