

Coral

# PoE Add-on datasheet

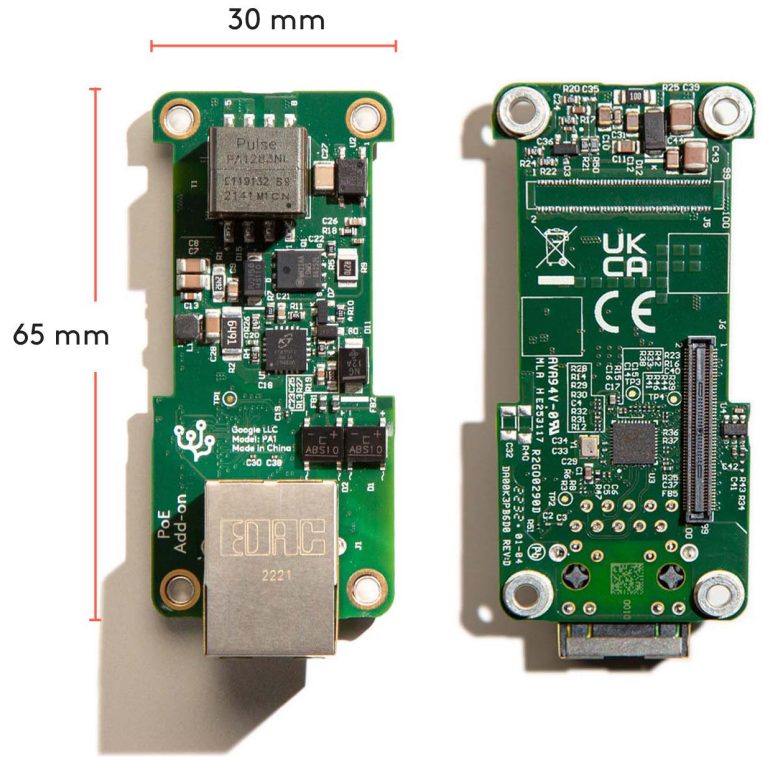
Version 1.0

## Features

- 10 and 100 Mbps ethernet modes
- IEEE 802.3af PoE
- 7 W maximum peak power (total system)
- Cutouts for main board GPIO header pins
- **Requires Coral Dev Board Micro** (sold separately)

## Description

The Coral PoE Add-on Board provides wired connectivity and power for the Coral Dev Board Micro via Ethernet. It snaps onto the Dev Board Micro with a high-density connector.



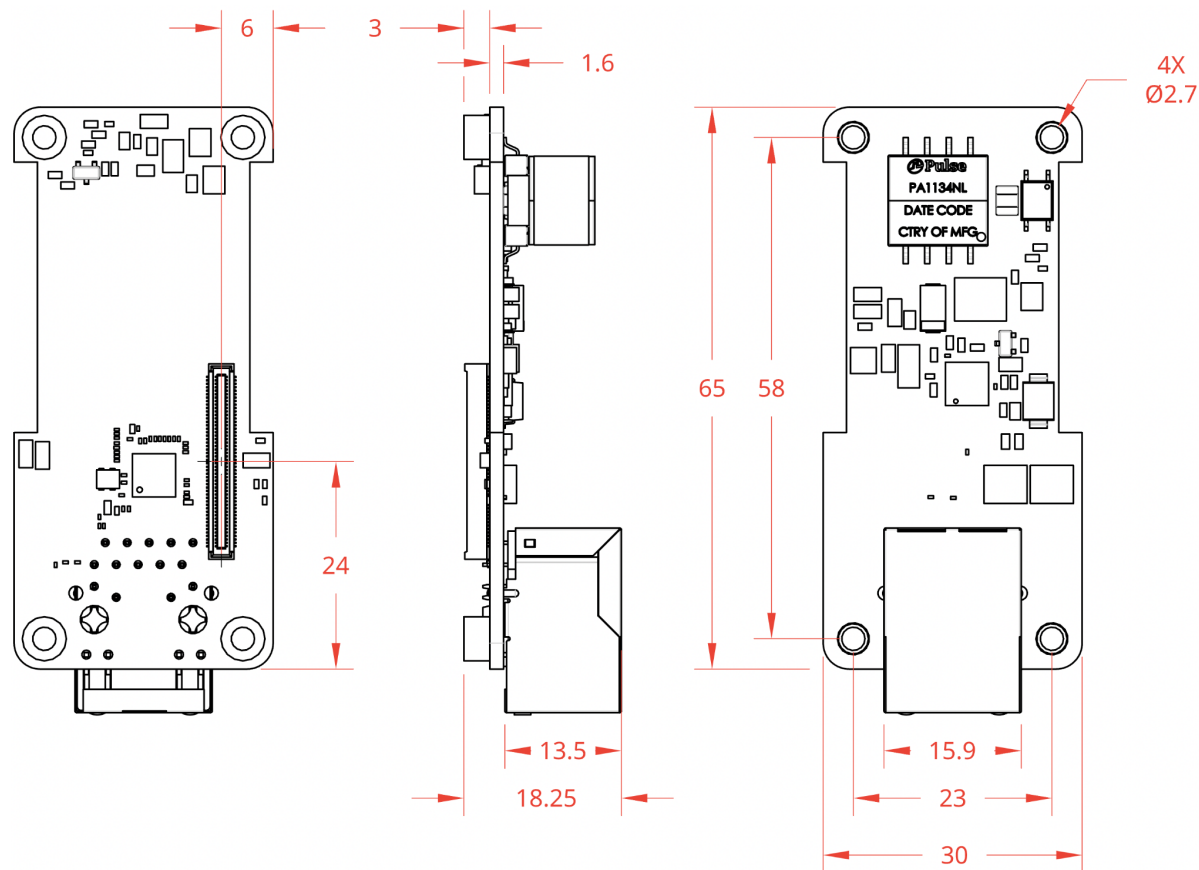
## Ordering information

Part number	Description
G650-07975-01	Coral PoE Add-on

## 1 Mechanical dimensions

**Table 1.** Physical specifications

Measurement	PoE Add-on only	Total with Dev Board Micro
Size	65.0 × 30.0 × 18.3 mm	65.0 × 30.0 × 23.9 mm
Weight	19.8 g	30.2 g



**Figure 1.** PoE Add-on board dimensions

## 2 Recommended operating conditions

**Table 2.** Board operating conditions

Parameter	Min	Typical	Max
Board supply voltage (VDD)	3.0 V	3.3 V	3.6 V
Operating temperature	0 °C	–	50 °C
Storage temperature	-30 °C	–	85 °C

**Caution:** The board can become hot during operation. When using a case, the board might require additional cooling to maintain proper operating temperatures. You must validate safe operation before you deploy.

### 3 Design files

**Table 3.** Add-on board design files

Files	Description
<a href="#">Dev Board Micro and add-on schematics</a>	Electrical schematic for the main board and add-ons
<a href="#">Dev Board Micro and add-on models</a>	3D model files for the main board and add-ons

### 4 Document revisions

**Table 4.** History of changes to this document

Version	Changes
1.0	Initial release

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