Coral
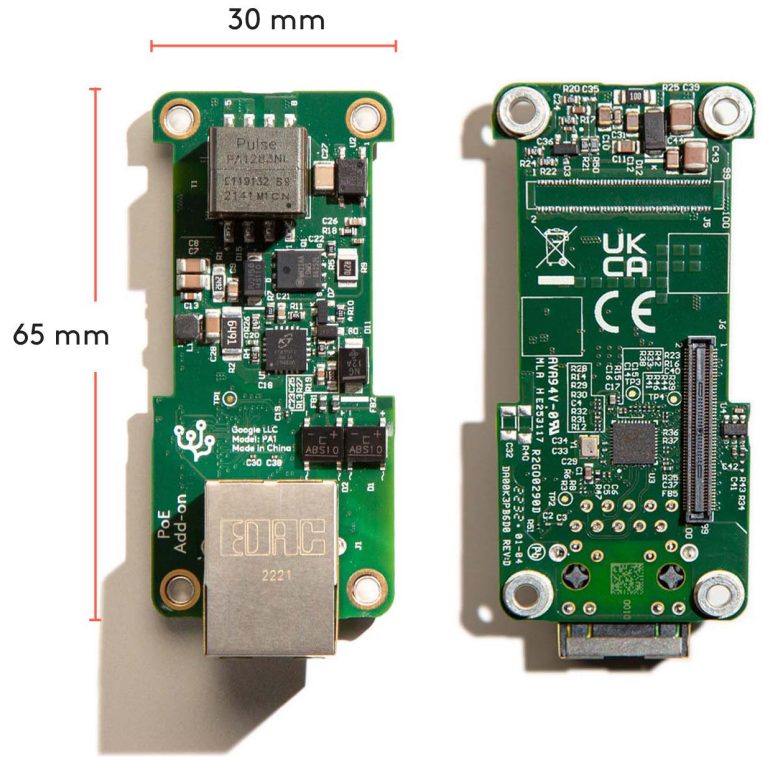
PoE Add-on datasheet

Version 1.0

30 mm

65 mm

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

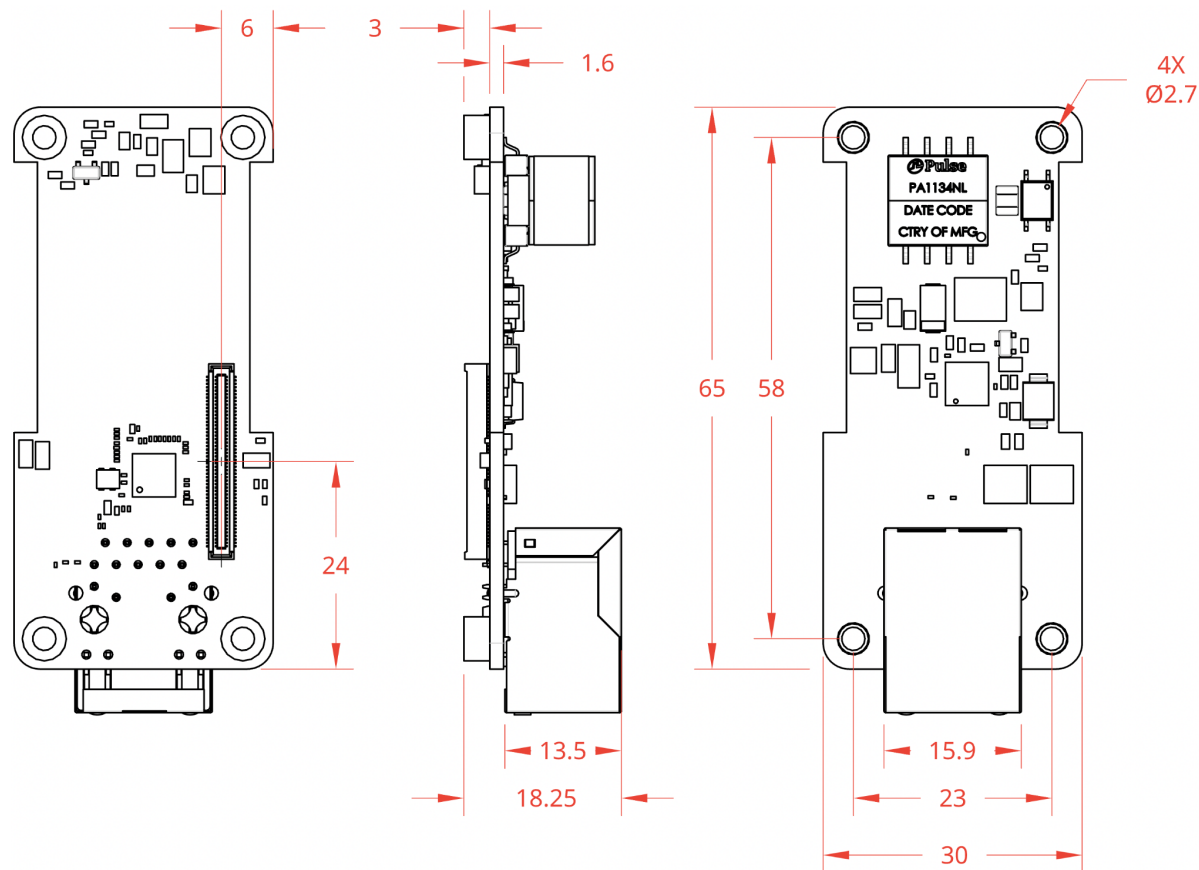| Measurement	PoE Add-on only	Total with Dev Board Micro
Size	65.0 × 30.0 × 18.3 mm	65.0 x 30.0 x 23.9 mm
Weight	19.8 g	30.2 g

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.