

# AP3429A Buck Converter Breakout

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## Product Overview

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## Description

Adafruit AP3429A Buck Converter Breakout is designed to supply power to 3.3V voltage circuits from a range of battery and power options. This buck converter breakout provides up to 1.2A load current continuously across the entire input voltage range of 3.4 to 5.5V.



The AP3429A buck converter breakout features a 1.5MHz switching frequency, 100% duty cycle operation, thermal shutdown, and 35 $\mu$ A Quiescent current. This buck converter has a TLV62569 3.3V chip, and the PCB comes in Blinka-purple with a 2oz copper layer on top and bottom for better current carrying capabilities.

## Features

- Up to 1.2A continuous output current
- 35 $\mu$ A Quiescent current
- <2 $\mu$ A shutdown current
- 100% duty cycle operation
- 1.5MHz switching frequency
- Internal soft start
- Thermal shutdown
- 15.2mm x 10mm x 2.9mm product dimensions

## Mouser Part Number

[View Part](#)

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