

# Evaluation Board | NCP81239GEVB

Show side navigation

## NCP81239 USB Power Delivery 4-Switch Buck Boost Controller

Buy

Jump to

Overview

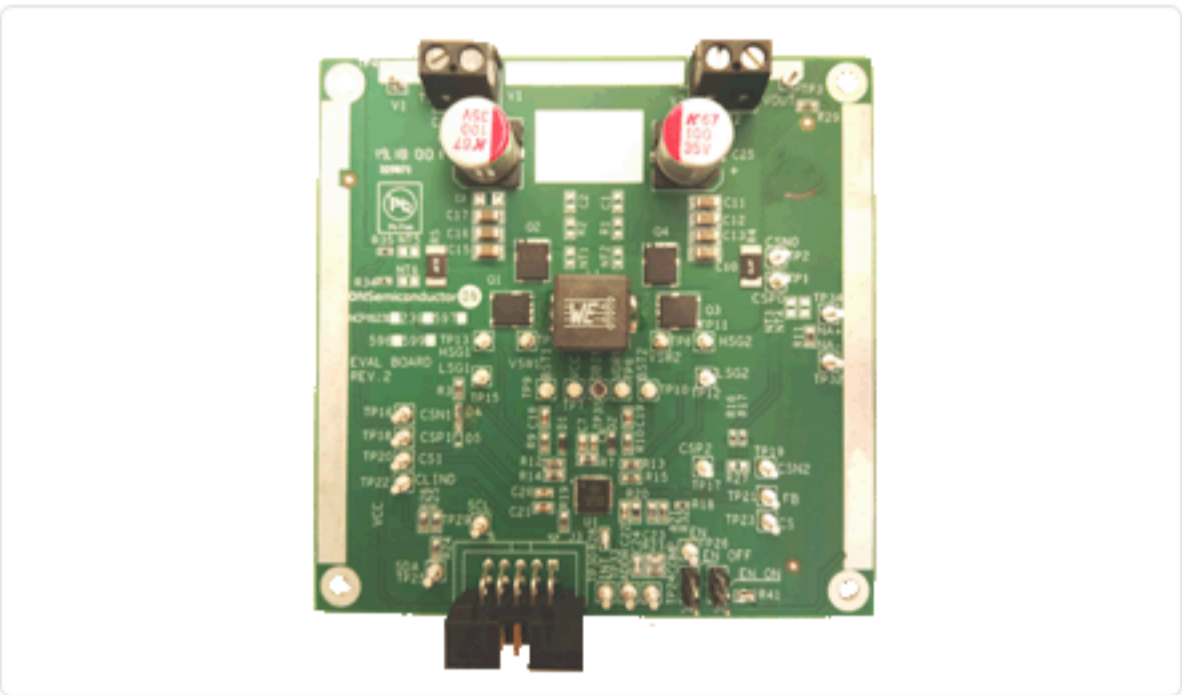
Evaluation/Development Tools

Technical Documentation



### Overview

The NCP81239GEVB evaluation board is designed to quickly test the NCP81239, which is a synchronous buck boost controller that is optimized for USB Power Delivery (PD) applications. It converts battery voltage or adapter voltage into power supply rails required in consumer devices such as notebook, tablet, and desktop systems that using USB PD standard and C-Type cables. NCP81239 is designed for applications requiring dynamically controlled slew rate limited output voltage that require either voltage higher or lower than the input voltage. The NCP81239 drives 4 NMOSFET switches, allowing it to buck or boost. The NCP81239 is fully compliant to the USB Power Delivery Specification when used in conjunction with a USB PD or C-Type Interface Controller.



### Evaluation/Development Tools

Product	Type	Ref. Design	Status	Part Used	Action
<a href="#">NCP81239GEVB</a> NCP81239 USB Power Delivery 4-Switch Buck Boost Controller	Evaluation Board	No	Lifetime	NCP81239 TXG, NCP81239 XG, NSR0240H- ...	Price N/A <a href="#">Check Inventory</a>

### Technical Documentation

Search Technical Documentation

Name / Description	Document Type	Modified date
<a href="#">NCP81239GEVB_GERBER.rev0</a> NCP81239GEVB_GERBER 0 Eval Board: Gerber 403.46 KB EN	Eval Board: Gerber	November 01, 2018
<a href="#">NCP81239GEVB_SCHEMATIC.rev0</a> NCP81239GEVB_SCHEMATIC 0 Eval Board: Schematic 128 KB EN	Eval Board: Schematic	November 01, 2018
<a href="#">NCP81239GEVB_TEST_PROCEDURE.rev0</a> NCP81239GEVB_TEST_PROCEDURE 0 Eval Board: Test Procedure 326.66 KB EN	Eval Board: Test Procedure	November 01, 2018
<a href="#">NCP81239GEVB_BOM_ROHS.rev0</a> NCP81239GEVB_BOM_ROHS 1 Eval Board: BOM 198.66 KB EN	Eval Board: BOM	December 01, 2018

About onsemi

Corporate Fact Sheet

Locations

Leadership

Ecosystem Partners

Intellectual Property

Quality and Reliability

Investor Relations

Governance

Financials

Events

News

Stock Info

Resources

News & Media

Press Announcements

In The News

Blog

Media Contacts

Image Library

Careers

Early Careers

Experienced Careers

Search & Apply

Internships

Who We Are

Where We Are

Career Benefits