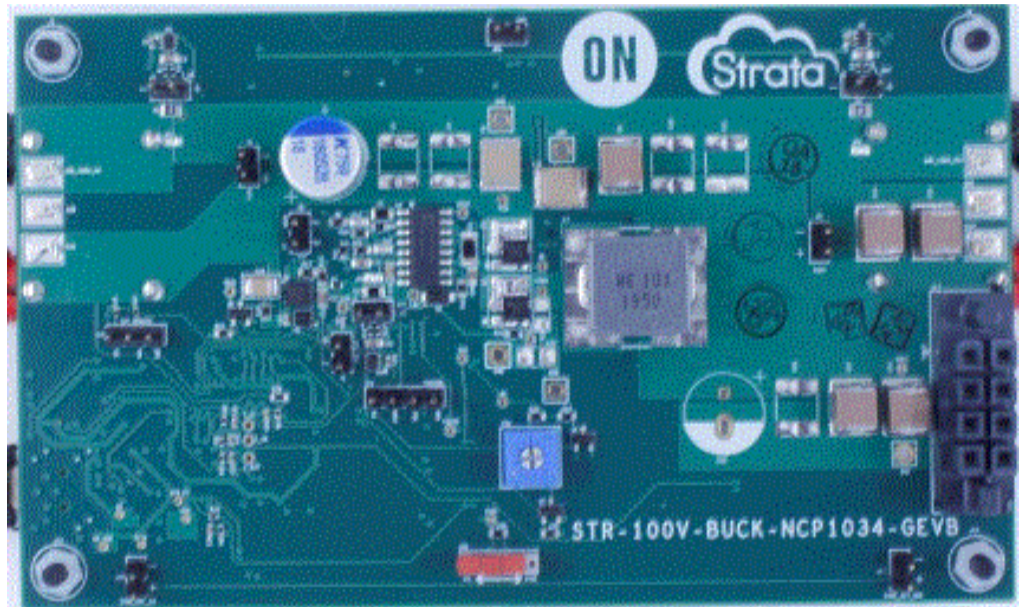# STR-100V-BUCK-NCP1034-GEVB: Strata Enabled NCP1034 100V Synchronous Buck Controller Evaluation Board

The **STR-100V-BUCK-NCP1034-GEVB** provides an easy to use evaluation board for NCP1034, high voltage PWM controller designed for high performance synchronous Buck DC-DC applications.

Within Strata, users can monitor telemetry such as voltage/current for all major power rails, interrupt statuses for each power rail, and controls for soft start, output voltage adjustment, and more. In addition to access to datasheets, BOMs, schematics, and other collateral, they may need. See the Strata webpage at www.onsemi.com/strata for more details!

Click to Download Strata

Features and Applications

Features

- VIN Range up to 100V
- Programmable Switching Frequency up to 500kHz
- 2A Output Drive Capability
- Programmable Soft Start
- Adjustable Output Voltage
- External Frequency Synchronization

Applications

- Embedded Telecom Systems
- Networking and Computing
- Distributed Point of Load Power Architectures
- General High Voltage DC-DC Converters

Evaluation/Development Tool Information

Buck NCP1034-GEVB	Active	Pb-free	Synchronous Buck Controller Evaluation Board	NCP308MTADJTBG , NCP705MT33TCG , NCP781BMNADJTAG	Buy

Technical Documents			
Type	Document Title	Document ID/Size	Rev
Software	Strata Setup Software for Microsoft Windows	Strata setup Windows - 82652 KB 🔒	3.0.1.1
Eval Board: BOM	STR-100V-BUCK-NCP1034-GEVB Bill of Materials (ROHS Compliant)	STR-100V-BUCK-NCP1034-GEVB_BOM_ROHS.pdf - 258 KB	0
Eval Board: Schematic	STR-100V-BUCK-NCP1034-GEVB Schematic	STR-100V-BUCK-NCP1034-GEVB_SCHEMATIC.pdf - 1717 KB	0
Eval Board: Manual	STR-100V-BUCK-NCP1034-GEVB User Guide	STR-100V-BUCK-NCP1034-GEVB_USER_GUIDE.pdf - 831 KB	0
Eval Board: Gerber	STR-100V-BUCK-NCP1034-GEVB Gerber Layout Files (Zip Format)	STR-100V-BUCK-NCP1034-GEVB_GERBER.zip - 6089 KB	0

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