



NV890131MWTXGEVB: High Frequency Buck Converter Evaluation Board

The NCV890131 evaluation board provides a convenient way to evaluate a high-frequency buck converter design. No additional components are required, other than dc supplies for the input and enable voltages. An external clock can be used to synchronize the switching frequency; and the board also provides a synchronization output, enabling it to be used as a master. It is configured for a 3.3 V output with a 2 MHz switching frequency and a 1.2 A maximum output current, over the typical 4.5 V to 18 V automotive input voltage range. In addition, the board regulates up to 32 V thanks to switching frequency foldback.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NV890131MWTXGEVB	Active	Pb-free	High Frequency Buck Converter Evaluation Board	NCV890131MWTXG	» Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: Manual	NV890131MWTXGEVB Manual	EVBUM2171/D - 1014.0 KB	0
Eval Board: BOM	NV890131MWTXGEVB Bill of Materials ROHS Compliant	NV890131MWTXGEVB_BOM_ROHS.PDF - 90.0 KB	1
Eval Board: Gerber	NV890131MWTXGEVB Gerber Layout Files (Zip Format)	NV890131MWTXGEVB_GERBER.ZIP - 51.0 KB	1
Eval Board: Schematic	NV890131MWTXGEVB Schematic	NV890131MWTXGEVB_SCHEMATIC.PDF - 167.0 KB	1
Eval Board: Test Procedure	NV890131MWTXGEVB Test Procedure	NV890131MWTXGEVB_TEST_PROCEDURE.PDF - 62.0 KB	1
Video	Automotive Solutions with the NV890131MWTXGEVB Evaluation Board	TND6078/D	1

Previously Viewed Products

Select Product... [Go](#) [Clear List](#)

Design Support

[Technical Documentation](#)

[Design Resources & Documents](#)

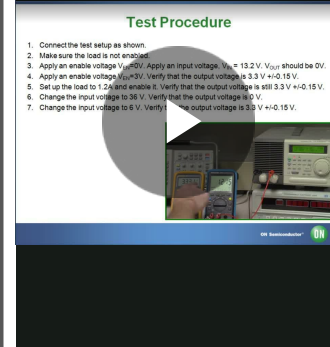
[Technical Support](#)

[Sales Support](#)

Featured Video

[Automotive Solutions with the NV890131MWTXGEVB Evaluation Board](#)

Automotive So...
<http://www.onsem...>



[More Videos ...](#)

