



NV890201MWTXGEVB: High Frequency Buck Converter Evaluation Board

The NCV890201 demonstration 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 2.0 A maximum output current, over the typical 4.5 V to 18 V automotive input voltage range. In addition, the board regulates up to 36 V thanks to switching frequency foldback.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NV890201MWTXGEVB	Active	Pb-free	High Frequency Buck Converter Evaluation Board	NCV890201MWTXG	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NV890201MWTXGEVB Bill of Materials ROHS Compliant	NV890201MWTXGEVB_BOM_ROHS.PDF - 37 KB	2
Eval Board: Gerber	NV890201MWTXGEVB Gerber Layout Files (Zip Format)	NV890201MWTXGEVB_GERBER.ZIP - 54.0 KB	1
Eval Board: Schematic	NV890201MWTXGEVB Schematic	NV890201MWTXGEVB_SCHEMATIC.PDF - 189.0 KB	1
Eval Board: Test Procedure	NV890201MWTXGEVB Test Procedure	NV890201MWTXGEVB_TEST_PROCEDURE.PDF - 1129.0 KB	1
Eval Board: Manual	NCV890201EVB Evaluation Board User's Manual	EVBUM2050/D - 677.0 KB	P 1

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