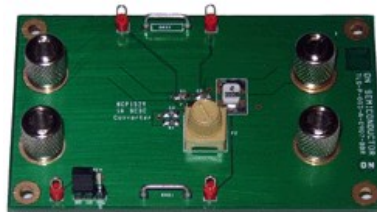




NCP1529ASNT1GEVB: 1 A High Efficiency Step-Down Converter Evaluation Board

The NCP1529 step-down DC-DC converter is a monolithic integrated circuit for portable applications powered from one cell Li-ion or three cell Alkaline/NiCd/NiMH batteries. The device (available in an adjustable output voltage from 0.9V to 3.3V) is able to deliver up to 1A. It uses synchronous rectification to increase efficiency and reduce external part count. The device also has a built-in 1.7 MHz oscillator which reduces component size by allowing a small inductor and capacitors. Automatic switching PWM/PFM mode offers improved system efficiency.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP1529ASNT1GEVB	Active	Pb-free	1 A High Efficiency Step-Down Converter Evaluation Board	NCP1529ASNT1G	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP1529ASNT1GEVB Bill of Materials ROHS Compliant	NCP1529ASNT1GEVB_BOM_ROHS.PDF - 14.0 KB	0
Eval Board: Gerber	NCP1529ASNT1GEVB Gerber Layout Files (Zip Format)	NCP1529ASNT1GEVB_GERBER.ZIP - 446.0 KB	0
Eval Board: Schematic	NCP1529ASNT1GEVB Schematic	NCP1529ASNT1GEVB_SCHEMATIC.PDF - 123.0 KB	0
Eval Board: Test Procedure	NCP1529ASNT1GEVB Test Procedure	NCP1529ASNT1GEVB_TEST_PROCEDURE.PDF - 140.0 KB	0
Eval Board: Manual	NCP1529 Series 1.7 MHz, 1 A, High Efficiency, Low Ripple, Adjustable Output Voltage Step-down Converter Evaluation Board User's Manual	EVBUM2106/D - 868.0 KB	1
Video	1 A High Efficiency Step-Down Converter Evaluation Board - NCP1529	WVD17532/D	

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