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Adjustable Output Non-Synchronous Boost Controller Evaluation Board - NCV8871FLYGEVB

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Evaluation/Development Tool Description

The NCV8871 is an adjustable output non-synchronous boost controller which drives an external N-channel MOSFET. The device uses peak current mode control with internal slope compensation. The IC incorporates an internal regulator that supplies charge to the gate driver. Protection features include internally-set soft-start, undervoltage lockout, cycle-by-cycle current limiting, hiccup-mode short-circuit protection and thermal shutdown. Additional features include low quiescent current sleep mode and externally-synchronizable switching frequency.

Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCV8871FLYGEVB	Active	Pb-free	Adjustable Output Non-Synchronous Boost Controller Evaluation Board	NCV887100D1R2G	Buy Now » Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCV8871FLYGEVB Bill of Materials ROHS Compliant	NCV8871FLYGEVB_BOM_ROHS.PDF - 49.0 KB	0
Eval Board: Gerber	NCV8871FLYGEVB Gerber Layout Files (Zip Format)	NCV8871FLYGEVB_GERBER.ZIP - 60.0 KB	0
Eval Board: Schematic	NCV8871FLYGEVB Schematic	NCV8871FLYGEVB_SCHEMATIC.PDF - 227.0 KB	0
Eval Board: Test Procedure	NCV8871FLYGEVB Test Procedure	NCV8871FLYGEVB_TEST_PROCEDURE.PDF - 29.0 KB	0
Video	Adjustable Output Non-Synchronous Boost Controller Evaluation Board - NCV8871FLYGEVB	TND6177/D	