



NCP3170AGEVB: Flexible Synchronous PWM Switching Buck Regulator Evaluation

The NCP3170 is a flexible synchronous PWM Switching Buck Regulator. The NCP3170 operates from 4.5 V to 18 V, sourcing up to 3 A and is capable of producing output voltages as low as 0.8 V. The NCP3170 also incorporates current mode control. To reduce the number of external components, a number of features are internally set including soft start, power good detection, and switching frequency. The NCP3170 is currently available in an SOIC-8 package.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCP3170AGEVB	Active	Pb-free	Flexible Synchronous PWM Switching Buck Regulator Evaluation	NCP3170ADR2G	» Contact Local Sales Office » Inventory

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP3170AGEVB Bill of Materials ROHS Compliant	NCP3170AGEVB_BOM_ROHS.PDF - 34.0 KB	6
Eval Board: Gerber	NCP3170AGEVB Gerber Layout Files (Zip Format)	NCP3170AGEVB_GERBER.ZIP - 28.0 KB	6
Eval Board: Schematic	NCP3170AGEVB Schematic	NCP3170AGEVB_SCHEMATIC.PDF - 16.0 KB	6
Eval Board: Test Procedure	NCP3170AGEVB Test Procedure	NCP3170AGEVB_TEST_PROCEDURE.PDF - 189.0 KB	6
Video	Flexible Synchronous PWM Switching Buck Regulator Evaluation - NCP3170	TND6176/D	

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