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## NCP3170BGEVB: 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, producing 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.

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	BOW OZCOTIAS
	NCP3170 Regulator

NCP3170 Regulator							
	Parts Used	Action					
lator	NGD24 70DDD20	>> Contact					

Evaluation/Development Tool Information								
Product	Status	Compliance	Short Description	Parts Used	Action			
NCP3170BGEVB	Active	Pb-free	Flexible Synchronous PWM Switching Buck Regulator Evaluation	NCP3170BDR2G	>> Contact Local Sales Office			

Technical Documents							
Туре	Document Title	Document ID/Size	Rev				
Eval Board: BOM	NCP3170BGEVB Bill of Materials ROHS Compliant	NCP3170BGEVB_BOM_ROHS.PDF - 48.0 KB	1				
Eval Board: Gerber	NCP3170BGEVB Gerber Layout Files (Zip Format)	NCP3170BGEVB_GERBER.ZIP - 29.0 KB	1				
Eval Board: Schematic	NCP3170BGEVB Schematic	NCP3170BGEVB_SCHEMATIC.PDF - 106.0 KB	1				
Eval Board: Gerber	NCP3170BGEVB Test Procedure	NCP3170BGEVB_TEST_PROCEDURE.PDF - 218.0 KB	1				
Video	Flexible Synchronous PWM Switching Buck Regulator Evaluation - NCP3170	TND6176/D					
	Evaluation - NCP3170						

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