



NCV885201GEVB: P-Channel, 100% Duty Cycle, Non-Synchronous Buck Controller, Automotive Grade Evaluation Board

The NCV885201GEVB Evaluation Board is designed to effectively evaluate the NCV8852, which is an adjustable-output non-synchronous buck controller which drives an external P-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 internal soft-start, undervoltage lockout, cycle-by-cycle current limit, hiccup-mode overcurrent protection, hiccup-mode short-circuit protection. Additional features include programmable switching frequency, low quiescent current sleep mode and externally synchronizable switching frequency.



Product	Status		Short Description	Parts Used
NCV885201GEVB	Active	Pb-free	P-Channel, 100% Duty Cycle, Non-Synchronous Buck Controller, Automotive Grade Evaluation Board	NCV885201D1R2G

<http://www.onsemi.com/PowerSolutions/evalBoard.do?id=NCV885201GEVB> 5-24-17