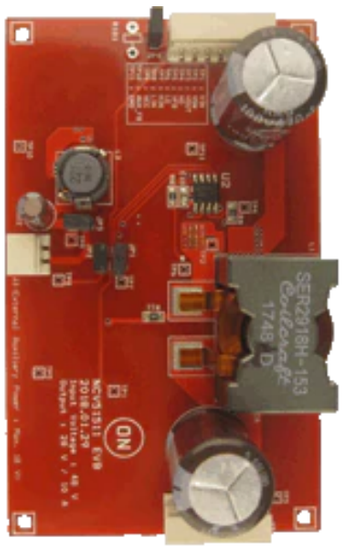
NCV51511SYNCBUCKGEVB: NCV51511 EVAL BRD

The Evaluation board is developed to evaluate performance of high side and low side gate driver and the target application is 300W non-isolation Synchonous Buck 48 V ±10% input voltage and 28 V regulated output voltage. To supply bias voltage both synchronous buck and NCV51511, the NCV33163 control the auxiliary power output around 10 V. And the main synchronous buck controller generate high side and low side PWM input signal for NCV51511.The NCV51511 drive the high side and low side external MOSFET depend on the input PWM signal and VDD level.



Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
NCV51511SYNCBUCKGEVB	Active		NCV51511 EVAL BRD	NCV51511PDR2G	Buy

Technical Documents

Type	Document Title	Document ID/Size
Eval Board: BOM	NCV51511SYNCBUCKGEVB_BOM_ROHS.REV0.PDF	NCV51511SYNCBUCKG KB
Eval Board: Gerber	NCV51511SYNCBUCKGEVB_GERBER.REV0.ZIP	NCV51511SYNCBUCKG
Eval Board: Schematic	NCV51511SYNCBUCKGEVB_SCHEMATIC.REV0.PDF	NCV51511SYNCBUCKG KB
Eval Board: Test Procedure	NCV51511SYNCBUCKGEVB_TEST_PROCEDURE.REV0.PDF	NCV51511SYNCBUCKG - 109 KB