



## ONS321B12VGEVB: 12 Vgs MOSFET Evaluation Board

The ONS321B12VGEVB evaluation board is a single phase buck converter designed such that it can accommodate up to 4SO8IC/SO8FL parts or 2u8FL/WDFN8 parts or 4 DPAK parts and, depending on the type of application and necessity, any combination of the above packages can also be implemented by the customer. The ONS321B12VGEVB evaluation board is designed to operate with an input voltage ranging from 8-19V, and to provide an output voltage ranging from 0.8-1.4V for load currents of up to 25A. The ONS321B12VGEVB comes with a 12V driver, but it can be modified to work with our 5V drivers, but only one can be used at a time. The ONS321B12VGEVB evaluation board has a number of test points that can be used to evaluate its performance in any given application.



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### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
ONS321B12VGEVB	Active	Pb-free	12 Vgs MOSFET Evaluation Board	NCP5386BMNR2G , NCP5901BMNTBG , NTD4904N-1G , NTD4906N-1G , NTD4909N-1G , NTD4910N-1G , NTD4963N-1G , NTD4965N-1G , NTD4969N-1G , NTD4970N-1G , NTMFS4921NT1G , NTMFS4922NET1G , NTMFS4923NET1G , NTMFS4925NET1G , NTMFS4925NT1G , NTMFS4926NET1G , NTMFS4926NT1G , NTMFS4927NT1G , NTMFS4933NT1G , NTMFS4934NT1G , NTMFS4935NT1G , NTMFS4936NT1G , NTMFS4937NT1G , NTMFS4939NT1G , NTMFS4941NT1G , NTMFS4943NT1G , NTMFS4946NT1G , NTMFS4955NT1G , NTMFS4983NFT1G , NTMFS4985NFT1G , NTTFS4928NTAG , NTTFS4929NTAG , NTTFS4930NTAG , NTTFS4932NTAG , NTTFS4937NTAG , NTTFS4939NTAG , NTTFS4941NTAG , NTTFS4985NFTAG	<a href="#">Contact Local Sales Office</a> <a href="#">Inventory</a>

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Boards	ONS321B12VGEVB Bill of Materials ROHS Compliant	ONS321B12VGEVB_BOM_ROHS.PDF - 75.0 KB	0
Eval Boards	ONS321B12VGEVB Gerber Layout Files (Zip Format)	ONS321B12VGEVB_GERBER.ZIP - 250.0 KB	0
Eval Boards	ONS321B12VGEVB Schematic	ONS321B12VGEVB_SCHEMATIC.PDF - 343.0 KB	0
Eval Boards	ONS321B12VGEVB Test Procedure	ONS321B12VGEVB_TEST_PROCEDURE.PDF - 807.0 KB	0
Eval Boards	ONS321A5VGEVB / ONS321B12VGEVB Evaluation Board User's Manual	EVBUM2102/D - 1518.0 KB	0

