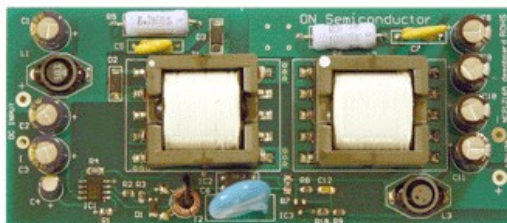




## NCP1216AFORWGEVB: 35 W Forward Converter Evaluation Board

The NCP1216AFORWEVB is a 35 W DC/DC single ended forward converter for telecommunication applications. It has an input voltage range from 36V to 72V DC and a 12V DC output with a continued output current of 3 A. For a 48V input the no-load current consumption is 1.8 mA, and the full load efficiency is greater than 85%. The NCP1216A controller and the other board components are mounted on a dual-side PCB in order to ensure small dimensions of the converter. The board is designed with respect to the power dissipation created by the power devices. Thus, large cooling areas are used.



### Evaluation/Development Tool Information

Product	Status	Compliance	Short Description	Parts Used	Action
<a href="#">NCP1216AFORWGEVB</a>	Active	Pb-free	35 W Forward Converter Evaluation Board	<a href="#">NCP1216AD100R2G</a>	<a href="#">Contact Local Sales Office</a> <a href="#">Inventory</a>

### Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP1216AFORWGEVB Bill of Materials ROHS Compliant	<a href="#">NCP1216AFORWGEVB_BOM_ROHS.PDF</a> - 187.0 KB	0
Eval Board: Gerber	NCP1216AFORWGEVB Gerber Layout Files (Zip Format)	<a href="#">NCP1216AFORWGEVB_GERBER.ZIP</a> - 27.0 KB	0
Eval Board: Schematic	NCP1216AFORWGEVB Schematic	<a href="#">NCP1216AFORWGEVB_SCHEMATIC.PDF</a> - 136.0 KB	0
Eval Board: Test Procedure	NCP1216AFORWGEVB Test Procedure	<a href="#">NCP1216AFORWGEVB_TEST_PROCEDURE.PDF</a> - 145.0 KB	0
Eval Board: Manual	NCP1216AFORWGEVB Evaluation Board User's Manual	<a href="#">EVBUM2133/D</a> - 497.0 KB	1
Video	35 W Forward Converter Evaluation Board - NCP1216AFORWGEVB	<a href="#">WVD17583/D</a>	

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