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NCP1605FORWGEVB:NCP1605 152 W FORWARD EVB

Evaluation Board Description

The NCP1605 is a PFC driver designed to operate in fixed frequency, Discontinuous Conduction Mode. In the most stressful conditions, Critical Conduction Mode can be achieved without power factor degradation and the circuit could be viewed as a CRM controller with a frequency clamp. Finally, the NCP1605 tends to give the best of both modes without their respective drawbacks. Furthermore, the circuit incorporates protection features for a rugged operation together with some special circuitry to lower the power consumed by the PFC stage in no load conditions. More generally, the NCP1605 functions make it the ideal candidate in systems where cost effectiveness, reliability, low stand by power and high power factor are the key parameters.



Evaluation Board Information

Evaluation Board	Short Description	Status	Parts Used	Action
NCP1605FORWGEVB	NCP1605 152 W FORWARD EVB	Active	NCP1217AD133R2G , NCP1605DR2G	Contact Local Sales Office

Technical Documents

Type	Document Title	Document ID/Size	Rev
Eval Board: BOM	NCP1605FORWGEVB Bill of Materials ROHS Compliant	NCP1605FORWGEVB_BOM.ZIP.PDF - 162.0 KB	0
Eval Board: Gerber	NCP1605FORWGEVB Gerber Layout Files (Zip Format)	NCP1605FORWGEVB_GERBER.ZIP - 128.0 KB	0
Eval Board: Schematic	NCP1605FORWGEVB Schematic	NCP1605FORWGEVB_SCHEMATIC.PDF - 249.0 KB	0
Eval Board: Test Procedure	NCP1605FORWGEVB Test Procedure	NCP1605FORWGEVB_TEST_PROCEDURE.PDF - 199.0 KB	0
Eval Board: Manual	NCP1605FORWGEVB Manual	NCP1605FORWGEVB_MANUAL.PDF - 300.0 KB	0

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