

DEMO-3RBR4765JG

Overview

Description:

This is the universal input 10 W 12 V off-line flyback converter power supply using Infineon CoolSET™ F3R family, **ICE3RBR4765JG** (</cms/en/product/power/ac-dc-power-conversion/ac-dc-integrated-power-stage-coolset/fixed-frequency-coolset/ICE3RBR4765JG/productType.html?productType=5546d46253f650570154975275764ab9>) DSO16(12). The converter is operated in Discontinuous Conduction Mode, 65 kHz fixed frequency, low standby power and various mode of protections for a high reliable system. This demo board is designed to evaluate the performance of ICE3RBR4765JG in ease of use.



Application note demo board 10W 12 V SMPS with ICE3RBR4765JG
01_00 | May 10, 2016 | PDF | 1.96 mb

(/dgd/Infineon-AN_ICE3RBR4765JG-AN-v01_00-EN.pdf?fileId=5546d46253f6505701549aaf8de0751e)




Parametrics

Parametrics	DEMO-3RBR4765JG
Configuration	ICE3RBR4765JG
Family	Power Controller (PWM, PFC)
Input Type	AC
Output Current	0.83 A
Output Voltage	12.0 V
P _{out}	10.0 W
Product Description	F3 FF CoolSET™ ICE3RBR4765JG for 10W 12V SMPS evaluation board with 85~265V AC universal input.
Qualification	Industrial
Supply Voltage min max	85.0 V 265.0 V

Supply voltage min max	85.0 V 265.0 V
Switching Frequency	65.0 kHz
Target Application	Power Supplies
Topology	Flyback
Type	Demo Board

Documents

+ Application Notes



Demo board 10W 12 V SMPS with ICE3RBR4765JG (/dgdI/Infineon-AN_ICE3RBR4765JG-AN-v01_00-EN.pdf?fileId=5546d46253f6505701549aaf8de0751e)

> EN (/dgdI/Infineon-AN_ICE3RBR4765JG-AN-v01_00-EN.pdf?fileId=5546d46253f6505701549aaf8de0751e)

01_00 | 2016-05-10 | pdf | 2 MB

Order

Sales Product Name	DEMO-3RBR4765JG
OPN	DEMO3RBR4765JGTOBO1
Product Status	active and preferred
Package name	--
Order online	
Completely lead free	
Halogen free	
RoHS compliant	no
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY

Boards

Board	Family	Description	Status
ICE3RBR4765JG (/cms/en/product/power/ac-dc-power-conversion/ac-dc-integrated-power-stage-coolset/fixed-frequency-coolset/ice3rbr4765jg/)	CoolSET™		active and preferred

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Phone

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Company website (URL)

Industry*

Other Industry

Country / Territory*

Preferred Distributor / Reseller*

Other Distributor / Reseller

Product Name*

Estimated annual production volume (pieces) per year*

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