

IRPLPFC1

Overview

90-265VAC PFC Pre-regulator is based on a non-isolated Boost SMPS circuit topology.

Benefits:

- 90 to 265VAC Input
- Output 420VDC
- Maximum Load 90W
- Power Factor > 0.95
- Low THD
- Open load / over voltage protected
- Featuring IRS2500S PFC SMPS control IC

Target Applications:

- AC-DC



Parametrics

Parametrics	IRPLPFC1
Applications	AC-DC IC
Configuration	IRS2500S
Product	90 to 265VAC Input. Output 420VDC. Maximum Load 90W. Power Factor > 0.95. Low THD. Open load / over voltage

Description	protected. Featuring IRS2500S PFC SMPS control IC .
Product Name	Evaluation Board IRPLPFC1
Supply Voltage min max	90.0 V 265.0 V
Type	Evaluation Board

Order

Sales Product Name	IRPLPFC1
OPN	IRPLPFC1
Product Status	active
Package name	--
Order online	
Completely lead free	no
Halogen free	
RoHS compliant	yes
Packing Size	1
Packing Type	CONTAINER
Moisture Level	
Moisture Packing	NON DRY

Boards

+Reference Design



Reference Design - IRPLPFC1 (/dgdl/irplpfc1.pdf?fileId=5546d462533600a4015356a0502d2c97)

> EN (/dgdl/irplpfc1.pdf?fileId=5546d462533600a4015356a0502d2c97)

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Product Name*

Estimated annual production volume (pieces) per year*

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