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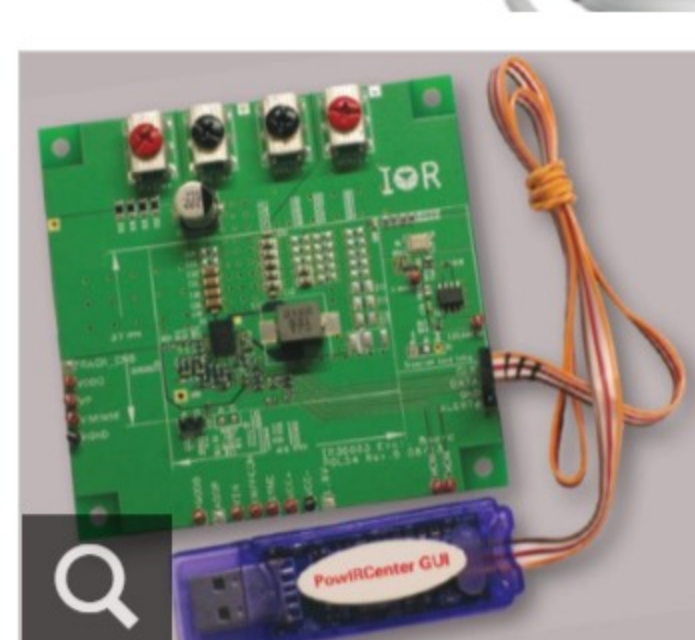
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IRDC38064

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Overview

Evaluation board featuring the IR38064 - 600kHz, 35 A SupIRBuck synchronous buck converter

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- $V_{IN} = 12V$ (14.5V max), no VCC required
- $V_{OUT} = +1.2V$ at 0-35 A
- $F_s = 600$ kHz
- $L = 0.150$ uH
- $C_{IN} = 4 \times 22$ uF (ceramic 1206) + 1×330 uF (electrolytic, optional)
- $C_{out} = 10 \times 47$ uF (ceramic 0805)

Parametrics

Parametrics	IRDC38064
Board Type	Evaluation Board
Family	DC-DC Converter
Frequency max	1600 Hz
Input Type	DC
Output Current max	35 A
Output Voltage max	8 V
Product Description	Evaluation Board IRDC38064
Product Name	Evaluation Board IRDC38064
Qualification	Industrial
Supply Voltage max	16 V
Target Application	Data Processing
Topology	Buck

Order

Sales Product Name	IRDC38064
OPN	IRDC38064
Product Status	active
Infineon Package name	--
Standard 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

Design Support

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Support

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Package information

The package information is available on [our homepage](#). Please note, that they are divided into the subcategories "Leaded and through-hole", "Surface Mounted Devices" and "Special Packages". You wi...

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Notes on processing

Information regarding reflow profile, soldering temperature, soldering profile and further processing notes for most of the discrete products are mentioned in the Application Note....

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