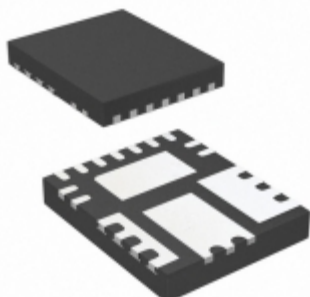


IR3842MTR1PBF



Images are for reference only.
See Product Specifications for product details.
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Part Number: [IR3842MTR1PBF](#)

Manufacturer [International Rectifier \(Infineon Technologies\)](#)

Description IC REG BUCK ADJ 4A SYNC 15QFN

Data sheet:  [IR3842MPbF](#)

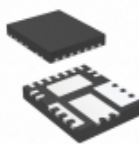
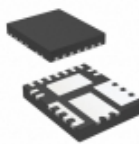
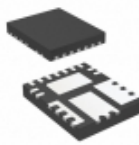
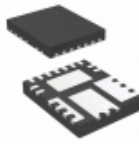
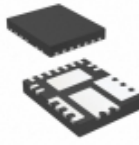
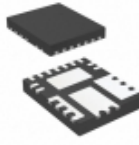
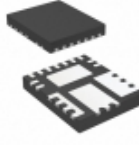
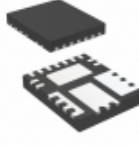
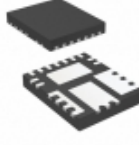
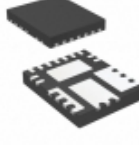
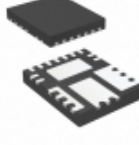
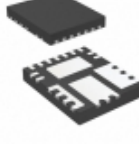
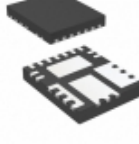
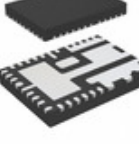
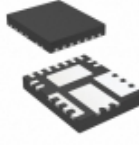
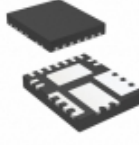
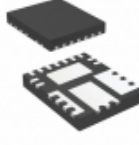
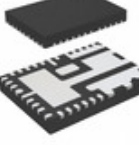
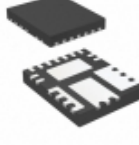
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

[Request For Quotation](#)

PRODUCT PARAMETER			
Part Number	IR3842MTR1PBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG BUCK ADJ 4A SYNC 15QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5777 pcs	Data sheet	IR3842MPbF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.7V
Voltage - Output (Max)	14.4V	Voltage - Input (Min)	1.5V
Voltage - Input (Max)	16V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	PQFN (5x6)
Series	SuplIRBuck®	Packaging	Tape & Reel (TR)
Package / Case	15-PowerVQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	IR3842MTR1PBFTR SP001527900
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	225kHz ~ 1.65MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.7V 1 Output 4A 15-PowerVQFN
Current - Output	4A	Base Part Number	IR3842MPBF
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	Part#: IR3843AMTRPBF Description: IC REG BUCK ADJ 3A SYNC QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3840WMTR1PBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3842AMTR1PBF Description: IC REG BUCK ADJ 6A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3840WMTRPBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3842WMTR1PBF Description: IC REG BUCK ADJ 4A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3842WMTRPBF Description: IC REG BUCK ADJ 4A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3843AMTR1PBF Description: IC REG BUCK ADJ 3A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3841MTRPBF Description: IC REG BUCK ADJ 8A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3840MTR1PBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3842AMTRPBF Description: IC REG BUCK ADJ 6A SYNC QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3841MTR1PBF Description: IC REG BUCK ADJ 8A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3846MTRPBF Description: IC REG BUCK SYNC ADJ 35A 24QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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