

IR3842AMTRPBF



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Part Number: [IR3842AMTRPBF](#)

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

Description: IC REG BUCK ADJ 6A SYNC QFN

Data sheet:  [IR3842AMPbF](#)

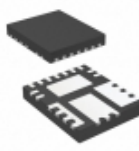
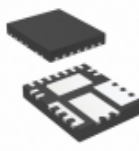
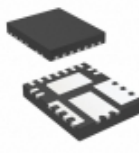
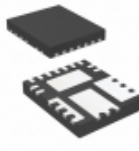
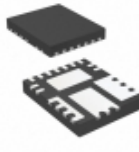
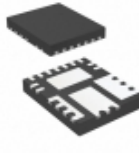
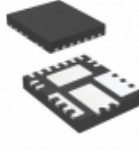
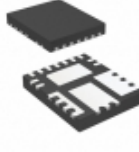
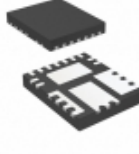
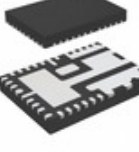
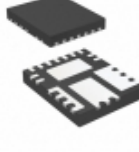
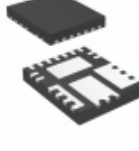
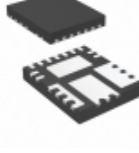
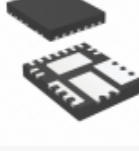
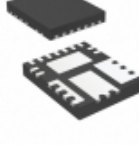
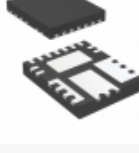
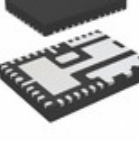
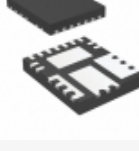
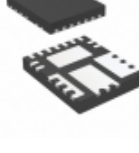
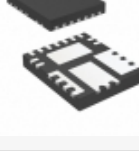
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IR3842AMTRPBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG BUCK ADJ 6A SYNC QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	51649 pcs	Data sheet	IR3842AMPbF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.7V
Voltage - Output (Max)	18.9V	Voltage - Input (Min)	1.5V
Voltage - Input (Max)	21V	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	SP001528696
Operating Temperature	-40°C ~ 125°C (TJ)	Number of Outputs	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	2 (1 Year)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Function	Step-Down
Frequency - Switching	225kHz ~ 1.32MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.7V 1 Output 6A 15-PowerVQFN
Current - Output	6A	Base Part Number	IR3842AMPBF
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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
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	Part#: IR3843WMTR1PBF Description: IC REG BUCK ADJ 2A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3840MTR1PBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3841MTRPBF Description: IC REG BUCK ADJ 8A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3842MTR1PBF Description: IC REG BUCK ADJ 4A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3843AMTR1PBF Description: IC REG BUCK ADJ 3A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3842MTRPBF Description: IC REG BUCK ADJ 4A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3842AMTR1PBF Description: IC REG BUCK ADJ 6A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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