

IR3820MTR1PBF



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Part Number: [IR3820MTR1PBF](#)

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

Description IC REG BUCK ADJ 12A SYNC QFN

Data sheet:  [IR3820MPBF](#)

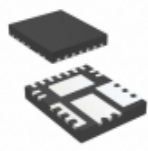
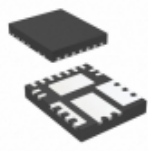
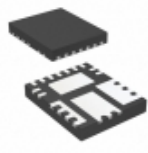
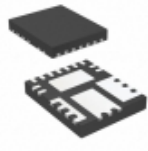
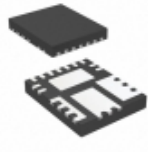
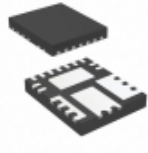
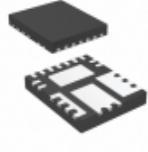
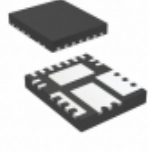
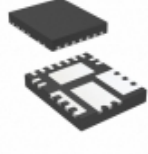
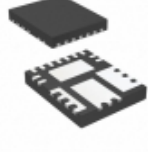
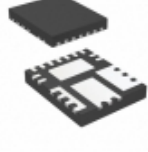
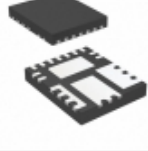
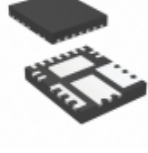
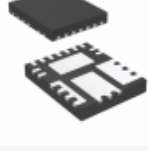
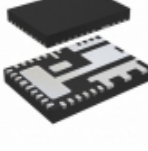
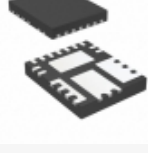
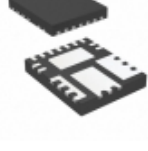
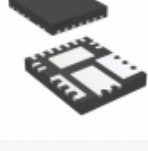
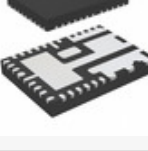
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IR3820MTR1PBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG BUCK ADJ 12A SYNC QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4709 pcs	Data sheet	IR3820MPBF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	12V	Voltage - Input (Min)	2.5V
Voltage - Input (Max)	21V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	PQFN (5x6)
Series	SuplRBuck®	Packaging	Tape & Reel (TR)
Package / Case	15-PowerVQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	SP001529118
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	600kHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 12A 15-PowerVQFN
Current - Output	12A	Base Part Number	IR3820MPBF
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	Part#: IR3810MTRPBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3821AMTR1PBF Description: IC REG BUCK ADJ 9A SYNC QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR38165MTRPBAUMA1 Description: IC REG DC-DC 30A 34IQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3820MTRPBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3822AMTRPBF Description: IC REG BUCK ADJ 6A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3823MTR1PBF Description: IC REG BUCK ADJ 3A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR38163MTRPBAUMA1 Description: IC REG DC-DC 30A 34IQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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