

IR3837MTR1PBF



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Part Number: [IR3837MTR1PBF](#)

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

Description IC REG BUCK ADJ 14A SYNC PQFN17

Data sheet:  [IR3837MPBF](#)

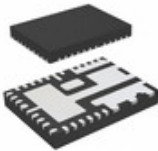
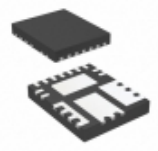
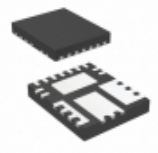
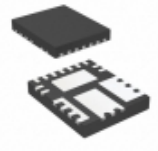
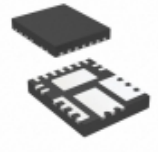
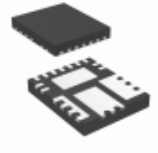
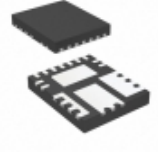
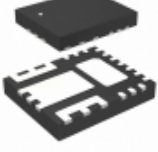
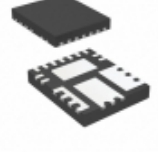
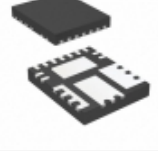
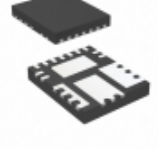
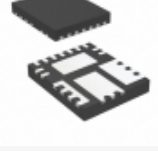
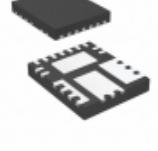
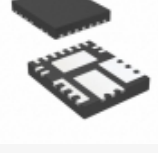
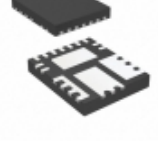
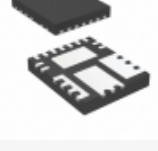
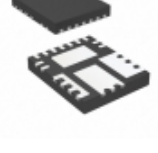
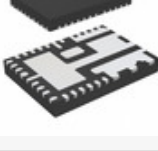
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IR3837MTR1PBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG BUCK ADJ 14A SYNC PQFN17	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4379 pcs	Data sheet	IR3837MPBF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.6V
Voltage - Output (Max)	14.4V	Voltage - Input (Min)	7V
Voltage - Input (Max)	16V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	17-PQFN (5x6)
Series	SuplRBuck®	Packaging	Cut Tape (CT)
Package / Case	17-VQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	IR3837MTR1PBFCT
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 ~ 1.65MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.6V 1 Output 14A 17-VQFN
Current - Output	14A	Base Part Number	IR3837MPBF
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	Part#: IR3840AMTR1PBF Description: IC REG BUCK ADJ 14A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3831MTR1PBF Description: IC REG SYNC SUPIRBUCK 8A 5X6QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3839MTR1PBF Description: IC REG BUCK ADJ 6A SYNC PQFN17	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3832WMTRPBF Description: IC REG SYNC SUPIRBUCK DDR 4A QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3838MTR1PBF Description: IC REG BUCK ADJ 10A SYNC PQFN17	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3839MTRPBF Description: IC REG BUCK ADJ 6A SYNC PQFN17	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR383 Description: EMITTER IR 940NM 100MA RADIAL	Manufacturers: Everlight Electronics	RFQ
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	Part#: IR3832WMTR1PBF Description: IC REG SYNC BUCK 4A DDR 15-QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3837MTRPBF Description: IC REG BUCK ADJ 14A SYNC PQFN17	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3840WMTR1PBF Description: IC REG BUCK ADJ 12A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3831WMTR1PBF Description: IC REG SYNC BUCK 8A 15-QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3838MTRPBF Description: IC REG BUCK ADJ 10A SYNC PQFN17	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR38363MTRPBFAUMA1 Description: IC REG DC-DC 15A 34IQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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