

IR3870MTR1PBF



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Part Number: [IR3870MTR1PBF](#)

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

Description IC REG BUCK ADJ 10A SYNC PQFN56

Data sheet:  [IR3870MBF](#)

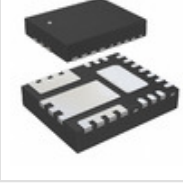
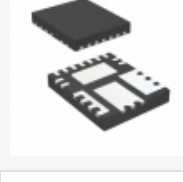
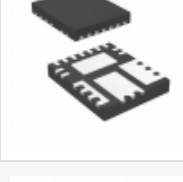
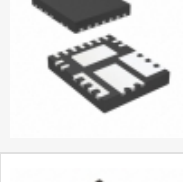
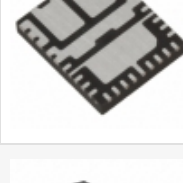
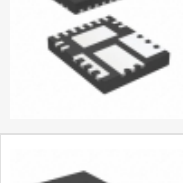
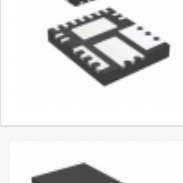
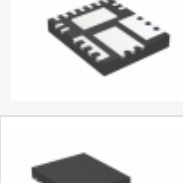
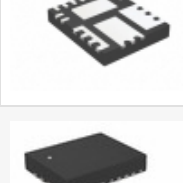
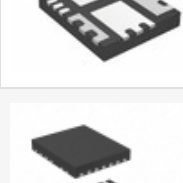
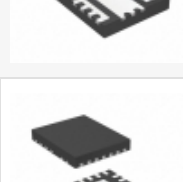
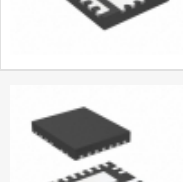
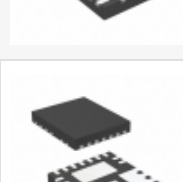
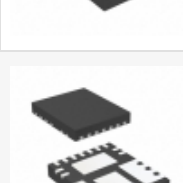
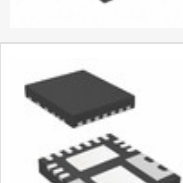
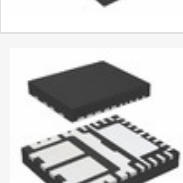
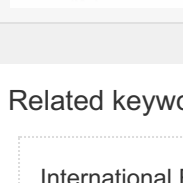
RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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

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PRODUCT PARAMETER			
Part Number	IR3870MTR1PBF	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC REG BUCK ADJ 10A SYNC PQFN56	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4320 pcs	Data sheet	IR3870MBF
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed)	0.5V
Voltage - Output (Max)	12V	Voltage - Input (Min)	3V
Voltage - Input (Max)	26V	Topology	Buck
Synchronous Rectifier	Yes	Supplier Device Package	PQFN (5x6)
Series	SuplRBuck®	Packaging	Tape & Reel (TR)
Package / Case	17-PowerVQFN	Output Type	Adjustable
Output Configuration	Positive	Other Names	IR3870MTR1PBFTR SP001525348
Operating Temperature	-40°C ~ 150°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	Up to 1MHz	Detailed Description	Buck Switching Regulator IC Positive Adjustable 0.5V 1 Output 10A 17-PowerVQFN
Current - Output	10A	Base Part Number	IR3870MPBF
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	Part#: IR3859MTRPBF Description: IC REG BUCK ADJ 9A SYNC 17PQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3871MTR1PBF Description: IC REG BUCK ADJ 8A SYNC 17QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3865MTRPBF Description: IC REG BUCK ADJ 10A SYNC PQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3856MTRPBF Description: IC REG BUCK ADJ 6A SYNC 17PQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IR3871MTRPBF Description: IC REG BUCK ADJ 8A SYNC PQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3859MTR1PBF Description: IC REG BUCK ADJ 9A SYNC PQFN16	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3876MTRPBF Description: IC REG BUCK ADJ 12A SYNC 17QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3870MTRPBF Description: IC REG BUCK ADJ 10A SYNC 15QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IR3892MTRPBF Description: IC REG BUCK ADJ 6A DL SYNC PQFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

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