

IRMCF312TY



Part Number: [IRMCF312TY](#)

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

Description: IC MOTOR CONTRLLR I2C/SPI 100QFP

Data sheet:  [IRMCF312](#)

RoHs Status: Lead free / RoHS Compliant

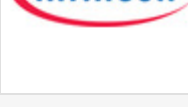
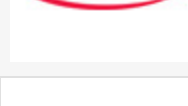
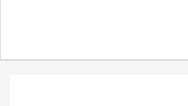
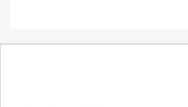
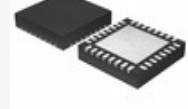
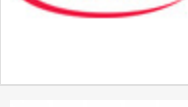
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	IRMCF312TY	Manufacturer	International Rectifier (Infineon Technologies)
Description	IC MOTOR CONTRLLR I2C/SPI 100QFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	13903 pcs	Data sheet	IRMCF312
Category	Integrated Circuits (ICs)	Voltage - Supply	1.62 V ~ 1.98 V, 3 V ~ 3.6 V
Voltage - Load	-	Technology	Power MOSFET, IGBT
Supplier Device Package	100-QFP (14x14)	Step Resolution	-
Series	MCE™	Packaging	Tray
Package / Case	100-LQFP	Output Configuration	Pre-Driver - Half Bridge (6)
Other Names	SP001548404	Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount	Motor Type - Stepper	-
Motor Type - AC, DC	AC, Synchronous	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	I²C, RS-232, SPI
Function	Controller - Commutation, Direction Management	Detailed Description	Motor Driver Power MOSFET, IGBT I²C, RS-232, SPI 100-QFP (14x14)
Current - Output	-	Base Part Number	IRMCF312
Applications	Appliance		
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RELATED PRODUCTS			
	Part#: IRMCF171TY Description: IC MOTOR CTRLR I2C/SPI 48LQFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF183MTR Description: IC MOTOR CTRLR	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF312TR Description: IC MOTOR CONTRLLR I2C/SPI 100QFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF183M Description: IC MOTOR CTRLR	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF588QTR Description: IC MOTOR CTRL QFP100	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF311TY Description: IC MOTOR CONTROLLER I2C/SPI 64QFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF341TR Description: IC MOTOR CONTRLLR I2C/SPI 64MQFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF371TY Description: IC MOTOR CONTROLLER I2C/SPI 48QFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCF343TY Description: IC MOTOR CONTRLLR I2C/SPI 64MQFP	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
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	Part#: IRMCF588QTY Description: IC MOTOR CTRL QFP100	Manufacturers: International Rectifier (Infineon Technologies)	RFQ
	Part#: IRMCK099M Description: IC MOTOR CTRLR I2C/SPI 32QFN	Manufacturers: International Rectifier (Infineon Technologies)	RFQ

Related keywords for IRMCF312TY			
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