

MIC5318-1.8YD5-TR





Part Number: [MIC5318-1.8YD5-TR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC REG LIN 1.8V 300mA TSOT23-5

Data sheet:  [MIC5318](#)

RoHs Status: Lead free / RoHS Compliant

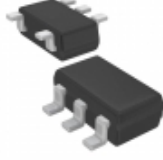
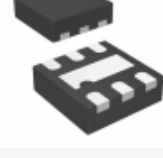
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PRODUCT PARAMETER			
Part Number	MIC5318-1.8YD5-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LIN 1.8V 300mA TSOT23-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	122118 pcs	Data sheet	MIC5318
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	-
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	TSOT-23-5
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Cut Tape (CT)	Package / Case	SOT-23-5 Thin, TSOT-23-5
PSRR	75dB ~ 55dB (1kHz ~ 20kHz)	Output Type	Fixed
Output Configuration	Positive	Other Names	576-4578-1
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	6 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA TSOT-23-5	Current - Quiescent (Iq)	150µA
Current - Output	300mA	Control Features	Enable
Base Part Number	MIC5318		
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RELATED PRODUCTS			
	Part#: MIC5318-2.1YD5-TR Description: IC REG LIN 2.1V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.5YD5-TR Description: IC REG LIN 2.5V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.8YMT-TR Description: IC REG LINEAR 2.8V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.5YMT-TR Description: IC REG LINEAR 2.5V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-1.5YD5-TR Description: IC REG LIN 1.5V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.6YD5-TR Description: IC REG LIN 2.6V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YMT-TZ Description: IC REG LINEAR 3.3V 150mA 4DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.1YMT-TR Description: IC REG LINEAR 2.1V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YD5-T5 Description: IC REG LDO 3.3V 0.15A TSOT23-5	Manufacturers: Microchip Technology	RFQ
	Part#: MIC5318-2.8YD5-TR Description: IC REG LIN 2.8V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YD5-TR Description: IC REG LIN 3.3V 150mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.85YD5-TR Description: IC REG LIN 2.85V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-1.8YMT-TR Description: IC REG LINEAR 1.8V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YM5-T5 Description: IC REG LINEAR 3.3V 150mA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-1.5YMT-TR Description: IC REG LINEAR 1.5V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.6YMT-TR Description: IC REG LINEAR 2.6V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YMT-T5 Description: IC REG LINEAR 3.3V 150mA 4DFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-1.3YMT-TR Description: IC REG LINEAR 1.3V 300mA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-1.3YD5-TR Description: IC REG LIN 1.3V 300mA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5317-3.3YM5-TR Description: IC REG LINEAR 3.3V 150mA SOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ

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