

MIC5318YD5-TR





Part Number: [MIC5318YD5-TR](#)

Manufacturer [Micrel / Microchip Technology](#)

Description IC REG LIN POS ADJ 300mA TSOT23

Data sheet:  [MIC5318](#)

RoHs Status: Lead free / RoHS Compliant

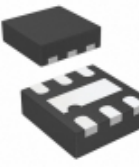
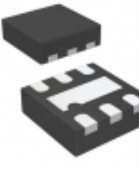
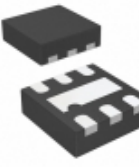
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Request For Quotation

PRODUCT PARAMETER			
Part Number	MIC5318YD5-TR	Manufacturer	Micrel / Microchip Technology
Description	IC REG LIN POS ADJ 300mA TSOT23	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	135020 pcs	Data sheet	MIC5318
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.2V @ 300mA
Voltage - Output (Min/Fixed)	1.25V	Voltage - Output (Max)	5.5V
Voltage - Input (Max)	6V	Supplier Device Package	TSOT-23-5
Series	-	Protection Features	Over Current, Over Temperature
Packaging	Tape & Reel (TR)	Package / Case	SOT-23-5 Thin, TSOT-23-5
PSRR	75dB ~ 55dB (1kHz ~ 20kHz)	Output Type	Adjustable
Output Configuration	Positive	Other Names	576-4583-2 MIC5318YD5 TR MIC5318YD5 TR-ND MIC5318YD5TR MIC5318YD5TR-ND
Operating Temperature	-40°C ~ 125°C	Number of Regulators	1
Mounting Type	Surface Mount	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	9 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V ~ 5.5 V 300mA TSOT-23-5	Current - Quiescent (Iq)	150µA
Current - Output	300mA	Control Features	Enable
Base Part Number	MIC5318		
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RELATED PRODUCTS			
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	Part#: MIC5319-1.5YML TR Description: IC REG LINEAR 1.5V 500MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-2.9YMT-TR Description: IC REG LINEAR 2.9V 300MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5319-1.3HYD5-TR Description: IC REG LIN 1.375V 500MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5319-1.85BD5 Description: IC REG LIN 1.85V 500MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318YMT-TR Description: IC REG LIN POS ADJ 300MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5319-1.3HYML-TR Description: IC REG LINEAR 1.375V 500MA 6MLF	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5318-2.8YD5-TR Description: IC REG LIN 2.8V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: MIC5319-1.85BD5-TR Description: IC REG LIN 1.85V 500MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-3.0YMT-TR Description: IC REG LINEAR 3V 300MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-3.3YMT-TR Description: IC REG LINEAR 3.3V 300MA 6TMLF	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-4.6YD5-TR Description: IC REG LIN 4.6V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5319-1.5YD5 TR Description: IC REG LIN 1.5V 500MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: MIC5318-3.3YD5-TR Description: IC REG LIN 3.3V 300MA TSOT23-5	Manufacturers: Micrel / Microchip Technology	RFQ

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