

SI91871DMP-18-E3



Part Number: [SI91871DMP-18-E3](#)

Manufacturer [Electro-Films \(EFI\) / Vishay](#)

Description IC REG LIN 1.8V 300mA MLP33-5

Data sheet:  [SI91871](#)

RoHs Status: Lead free / RoHS Compliant

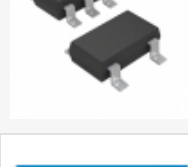
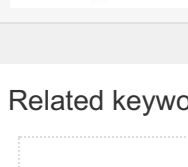
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Request For Quotation

PRODUCT PARAMETER			
Part Number	SI91871DMP-18-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC REG LIN 1.8V 300mA MLP33-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4122 pcs	Data sheet	SI91871
Category	Integrated Circuits (ICs)	Voltage Dropout (Max)	0.57V @ 300mA
Voltage - Output (Min/Fixed)	1.8V	Voltage - Output (Max)	-
Voltage - Input (Max)	6V	Supplier Device Package	PowerPAK® MLP33-5
Series	-	Protection Features	Over Temperature, Reverse Polarity, Short Circuit
Packaging	Tape & Reel (TR)	Package / Case	PowerPAK® MLP33-5
PSRR	60dB ~ 30dB (1kHz ~ 100kHz)	Output Type	Fixed
Output Configuration	Positive	Operating Temperature	-40°C ~ 85°C
Number of Regulators	1	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Detailed Description	Linear Voltage Regulator IC Positive Fixed 1 Output 1.8V 300mA PowerPAK® MLP33-5	Current - Supply (Max)	275µA
Current - Quiescent (Iq)	150µA	Current - Output	300mA
Control Features	Enable	Base Part Number	SI91871
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RELATED PRODUCTS			
	Part#: SI91871DMP-50-E3 Description: IC REG LIN 5V 300mA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-33-E3 Description: IC REG LIN 3.3V 300mA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-25-T1-E3 Description: IC REG LIN 2.5V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-50-T1-E3 Description: IC REG LIN 5V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-26-E3 Description: IC REG LIN 2.6V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-28-E3 Description: IC REG LIN 2.8V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-30-T1-E3 Description: IC REG LIN 3V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9183DT-AD-T1-E3 Description: IC REG LIN POS ADJ 150MA TSOT23	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-25-E3 Description: IC REG LIN 2.5V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91872DMP-25-E3 Description: IC REG LIN 2.5V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91872DMP-18-E3 Description: IC REG LIN 1.8V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-30-E3 Description: IC REG LIN 3V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91872DMP-26-E3 Description: IC REG LIN 2.6V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-28-T1-E3 Description: IC REG LIN 2.8V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-12-T1-E3 Description: IC REG LIN 1.2V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91871DMP-12-E3 Description: IC REG LIN 1.2V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI91872DMP-12-E3 Description: IC REG LIN 1.2V 300MA MLP33-5	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-33-T1-E3 Description: IC REG LIN 3.3V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-AD-T1-E3 Description: IC REG LIN POS ADJ 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9185DMP-18-T1-E3 Description: IC REG LIN 1.8V 500MA MLP33-8	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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