



MIC2941AWU-TR Information



For Reference Only

Part NumberMIC2941AWU-TRManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

Description IC REG LIN POS ADJ 1.25A TO263-5

Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA

For the pricing/inventory/lead time, please contact

us

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MIC2941AWU-TR Specifications

Manufacturer Part Number MiC2941AWU-TR Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 26V Voltage Dropout (Max) 0.6V @ 1.25A Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) 500μA ~ 70mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount	*	
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)1.24VVoltage - Output (Max)26VVoltage Dropout (Max)0.6V @ 1.25ACurrent - Output1.25ACurrent - Quiescent (Iq)-Current - Supply (Max)500μA ~ 70mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°C	Manufacturer Part Number	MIC2941AWU-TR
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Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 1.24V Voltage - Output (Max) 26V Voltage Dropout (Max) 0.6V @ 1.25A Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) 500 μ A ~ 70mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 26V Voltage Dropout (Max) 0.6V @ 1.25A Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Protection Features Operating Temperature 1.24V 1.24V 1.25V 0.6V @ 1.25A 0.6V @ 1.25A 0.6V @ 1.25A 1.25A - Current - Quiescent (Iq) - Current - Supply (Max) 500µA ~ 70mA Enable Over Current, Over Temperature, Reverse Polarity -40°C ~ 125°C	Number of Regulators	1
Voltage - Output (Max) 26V Voltage Dropout (Max) 0.6V @ 1.25A Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) 500μA ~ 70mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Input (Max)	26V
Voltage Dropout (Max) Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) PSRR - Control Features Control Features Cover Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Output (Min/Fixed)	1.24V
Current - Output 1.25A Current - Quiescent (Iq) - Current - Supply (Max) 500µA ~ 70mA PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Voltage - Output (Max)	26V
Current - Quiescent (Iq) - Current - Supply (Max) $500\mu A \sim 70mA$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}C \sim 125^{\circ}C$	Voltage Dropout (Max)	0.6V @ 1.25A
Current - Supply (Max) $500\mu A \sim 70mA$ PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Output	1.25A
PSRR - Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature -40°C ~ 125°C	Current - Quiescent (Iq)	-
Control Features Enable Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Current - Supply (Max)	$500\mu A \sim 70mA$
Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	PSRR	-
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$	Control Features	Enable
	Protection Features	Over Current, Over Temperature, Reverse Polarity
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C
Surface Would	Mounting Type	Surface Mount
Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Supplier Device Package TO-263-5	Supplier Device Package	TO-263-5
Report errors?		Report errors?

MIC2941AWU-TR Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC2941AWU-TR Payment Methods

































If you have any question about MIC2941AWU-TR, please do not hesitate to contact us!

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