

MIC29501-3.3BU TR

MIC29501-3.3BU TR Information

MIC www.helsener.com	Part Number	MIC29501-3.3BU TR
	Manufacturer	Microchip Technology
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
	Description	IC REG LINEAR 3.3V 5A TO263-5
33333	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
00000		For the pricing/inventory/lead time, please contact us
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com

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MIC29501-3.3BU TR Specifications

Manufacturer Microchip Technology Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package TO-263-6, D2Pak (5 Leads + Tab), TO-263BA Series - Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 26V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) - Current - Output 5A Current - Quiescent (Iq) - Current - Supply (Max) 50mA PSRR - Control Features Faable Protection Features Over Current, Over Temperature, Reverse Polarity, Transient Voltage Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case TO-263-6, D2Pak (5 Leads + Tab), TO-263BA				
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesDover Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Manufacturer Part Number	MIC29501-3.3BU TR		
PMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveDutput ConfigurationPositiveNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature4.0°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Manufacturer	Microchip Technology		
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Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Output (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTo-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTo-263-5		PMIC - Voltage Regulators - Linear		
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesFinableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO -263-6, D2Pak (5 Leads + Tab), TO-263BA	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA		
PrivateFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Series	-		
Number of Regulators1Number of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Output Configuration	Positive		
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Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Number of Regulators	1		
Voltage - Output (Max)-Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Input (Max)	26V		
Voltage Dropout (Max)0.6V @ 5ACurrent - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Output (Min/Fixed)	3.3V		
Current - Output5ACurrent - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage - Output (Max)	-		
Current - Quiescent (Iq)-Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Voltage Dropout (Max)	0.6V @ 5A		
Current - Supply (Max)50mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Output	5A		
PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Quiescent (Iq)	-		
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Current - Supply (Max)	50mA		
Protection FeaturesOver Current, Over Temperature, Reverse Polarity, Transient VoltageOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	PSRR	-		
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Control Features	Enable		
Mounting TypeSurface MountPackage / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Protection Features	Over Current, Over Temperature, Reverse Polarity, Transient Voltage		
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BASupplier Device PackageTO-263-5	Operating Temperature	$-40^{\circ}C \sim 125^{\circ}C$		
Supplier Device Package TO-263-5	Mounting Type	Surface Mount		
	Package / Case	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA		
Report errors?	Supplier Device Package	TO-263-5		
			Report errors?	

MIC29501-3.3BU 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.

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