

# MIC29201-12BU

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#### MIC29201-12BU Information

0	Part Number	MIC29201-12BU
MIC www.helsener.com	Manufacturer	Microchip Technology
	Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
	Description	IC REG LINEAR 12V 400MA TO263-5
	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
		For the pricing/inventory/lead time, please contact
		us
For Reference Only		Website: https://www.heisener.com
		E-mail: salesdept@heisener.com

## **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.



## MIC29201-12BU Specifications

Manufacturer Part NumberMIC29201-12BUManufacturerMicrochip TechnologyCategoryIntegrated Circuits (ICs)PackagePMIC - Voltage Regulators - LinearPackageTo-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)0.75V @ 400mACurrent - Output300µA ~ 12mACurrent - Output (Max)0.00µACurrent - Supply (Max)0.00µA ~ 12mAPSRR-Control FeaturesBableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating TypeSufface MountProtection FeaturesSufface MountPortection Featu		
CategoryIntegrated Circuits (Cs)PackagePMIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage Output (Max)-Voltage Dopout (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300μA ~ 12mAPSRR-Control FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface Mount	Manufacturer Part Number	MIC29201-12BU
MIC - Voltage Regulators - LinearPackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Porpout (Max)0.75V @ 400mACurrent - Output300µA ~ 12mAPSRR-Control FeaturesFinableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating TypeSurface Mount	Manufacturer	Microchip Technology
PackageTO-263-6, D2Pak (5 Leads + Tab), TO-263BASeries-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)0.75V @ 400mACurrent - Output400mACurrent - Output300µA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating TypeSurface Mount	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage - Output (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300µ ~ 12mAPSRR-Protection FeaturesEnableProtection Features-Mounting TypeSufface Mount		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-PSRR-Potection FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOutput TypeSurface MountMounting TypeSurface Mount	Package	TO-263-6, D2Pak (5 Leads + Tab), TO-263BA
Output TypeFixedNumber of Regulators1Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage - Output (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300µA ~ 12mAPSRR-Potection FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface Mount	Series	-
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Voltage - Input (Max)26VVoltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300μA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Tremperature40°C ~ 125°CMounting TypeSurface Mount	Output Type	Fixed
Voltage - Output (Min/Fixed)12VVoltage - Output (Max)-Voltage Dropout (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300µA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Number of Regulators	1
Voltage - Output (Max)-Voltage Dropout (Max)0.75V @ 400mACurrent - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300µA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Input (Max)	26V
Voltage Dropout (Max)     0.75V @ 400mA       Current - Output     400mA       Current - Quiescent (Iq)     -       Current - Supply (Max)     300µA ~ 12mA       PSRR     -       Control Features     Enable       Protection Features     Load Dump, Over Current, Reverse Polarity       Operating Temperature     -40°C ~ 125°C       Mounting Type     Surface Mount	Voltage - Output (Min/Fixed)	12V
Current - Output400mACurrent - Quiescent (Iq)-Current - Supply (Max)300μA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)300μA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Voltage Dropout (Max)	0.75V @ 400mA
Current - Supply (Max)300µA ~ 12mAPSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Output	400mA
PSRR-Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	Current - Supply (Max)	300μA ~ 12mA
Protection FeaturesLoad Dump, Over Current, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface Mount	PSRR	-
Operating Temperature -40°C ~ 125°C   Mounting Type Surface Mount	Control Features	Enable
Mounting Type Surface Mount	Protection Features	Load Dump, Over Current, Reverse Polarity
	Operating Temperature	-40°C ~ 125°C
Package / CaseTO-263-6, D2Pak (5 Leads + Tab), TO-263BA	Mounting Type	Surface Mount
	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 <sup>6</sup>		Report errors?

#### MIC29201-12BU 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.

#### MIC29201-12BU Payment Methods



### MIC29201-12BU Shipping Methods



If you have any question about MIC29201-12BU, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com