



MIC5283YML-T5 Information



For Reference Only

Part Number MIC5283YML-T5

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LIN POS ADJ 150MA 8MLFPackage8-VDFN Exposed Pad, 8-MLF?

Package 8-VDFN Exposed Pad, 8-MLF?
For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

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.









MIC5283YML-T5 Specifications

Manufacturer Part Number MiC5283YML-T5 Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package 8-VDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 120V Voltage - Output (Min/Fixed) 1.22V Voltage - Output (Max) 5.5 V Voltage Dropout (Max) 2.8 V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 14μA PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8 - VDFN Exposed Pad, 8 - MLF? Supplier Device Package 8 - MLF? (3x3)	•	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-VDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 120V Voltage - Output (Min/Fixed) 1.22V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 2.8V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 14μA PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Manufacturer Part Number	MIC5283YML-T5
Package 8-VDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 120V Voltage - Output (Min/Fixed) 1.22V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 2.8V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 14μA PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Manufacturer	Microchip Technology
Package 8-VDFN Exposed Pad, 8-MLF? Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 120V Voltage - Output (Min/Fixed) 1.22V Voltage - Output (Max) 5.5V Voltage Dropout (Max) 2.8V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) 14μA PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)120VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)5.5VVoltage Dropout (Max)2.8V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14µAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)120VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)5.5VVoltage Dropout (Max)2.8V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14µAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Package	8-VDFN Exposed Pad, 8-MLF?
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)120VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)5.5VVoltage Dropout (Max)2.8V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Series	-
Number of Regulators1Voltage - Input (Max)120VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)5.5VVoltage Dropout (Max)2.8V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Output Configuration	Positive
Voltage - Input (Max)120VVoltage - Output (Min/Fixed)1.22VVoltage - Output (Max)5.5VVoltage Dropout (Max)2.8V @ 150mACurrent - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Output Type	Adjustable
Voltage - Output (Min/Fixed) Voltage - Output (Max) 5.5V Voltage Dropout (Max) 2.8V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case S-VDFN Exposed Pad, 8-MLF? Supplier Device Package	Number of Regulators	1
Voltage - Output (Max) Voltage Dropout (Max) 2.8V @ 150mA Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features - Protection Features Operating Temperature Operating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 8-MLF? (3x3)	Voltage - Input (Max)	120V
Voltage Dropout (Max) Current - Output 150mA Current - Quiescent (Iq) - Current - Supply (Max) PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case Supplier Device Package 8-WLF? (3x3)	Voltage - Output (Min/Fixed)	1.22V
Current - Output150mACurrent - Quiescent (Iq)-Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Voltage - Output (Max)	5.5V
Current - Quiescent (Iq)-Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Voltage Dropout (Max)	2.8V @ 150mA
Current - Supply (Max)14μAPSRR70dB ~ 65dB (100Hz ~ 100kHz)Control Features-Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-VDFN Exposed Pad, 8-MLF?Supplier Device Package8-MLF? (3x3)	Current - Output	150mA
PSRR 70dB ~ 65dB (100Hz ~ 100kHz) Control Features - Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Current - Quiescent (Iq)	-
Control Features - Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Current - Supply (Max)	14μΑ
Protection Features Over Current, Over Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	PSRR	70dB ~ 65dB (100Hz ~ 100kHz)
Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Control Features	-
Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Protection Features	Over Current, Over Temperature
Package / Case 8-VDFN Exposed Pad, 8-MLF? Supplier Device Package 8-MLF? (3x3)	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 8-MLF? (3x3)	Mounting Type	Surface Mount
	Package / Case	8-VDFN Exposed Pad, 8-MLF?
Report errors?	Supplier Device Package	8-MLF? (3x3)
		Report errors

MIC5283YML-T5 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.

MIC5283YML-T5 Payment Methods



















MIC5283YML-T5 Shipping Methods













If you have any question about MIC5283YML-T5, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com