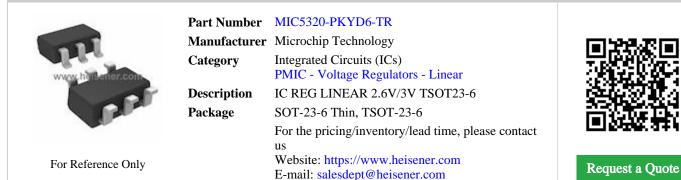


MIC5320-PKYD6-TR

MIC5320-PKYD6-TR Information



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.



MIC5320-PKYD6-TR Specifications

Manufacturer Microchip Technology Manufacturer Microchip Technology Category Integrated Circuits (ICs) Package SOT-23-6 Thin, TSOT-23-6 Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V, 3V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120µA ~ 190µA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Package / Case Surface Mount		
Category Integrated Circuits (Us) Package NMIC - Voltage Regulators - Linear Package SOT-23-6 Thin, TSOT-23-6 Series - Output Configuration Positive Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V, 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120µA ~ 190µA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-6 Supplier Device Package TSOT-23-6	Manufacturer Part Number	MIC5320-PKYD6-TR
PMC - Voltage Regulators - LinearPackageSOT-23-6 Thin, TSOT-23-6Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Output120μA ~ 190μACurrent - Supply (Max)EnablePostection FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperaturePortection FeaturesSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Manufacturer	Microchip Technology
PackageSOT-23-6 Thin, TSOT-23-6Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Output120µA ~ 190µACurrent - Supply (Max)65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating TemperatureSufface MountPackage / CaseSOT-23-6Supplier Device PackageTSOT-23-6	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage - Output (Max)0.1V @ 150mA, 0.1V @ 150mAVoltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Output120μA ~ 190μACurrent - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesFnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageTSOT-23-6		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Output120µA ~ 190µAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesDover Current, Over TemperatureOperating Temperature-0ver Current, Over TemperatureOperating TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageTSOT-23-6	Package	SOT-23-6 Thin, TSOT-23-6
Output Type Fixed Number of Regulators 2 Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V, 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120μA ~ 190μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Surface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Series	-
Number of Regulators2Voltage - Input (Max)5.5VVoltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120µA ~ 190µAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6Supplier Device PackageTSOT-23-6	Output Configuration	Positive
Voltage - Input (Max) 5.5V Voltage - Output (Min/Fixed) 2.6V, 3V Voltage - Output (Max) - Voltage Dropout (Max) 0.1V @ 150mA, 0.1V @ 150mA Current - Output 150mA, 150mA Current - Quiescent (Iq) - Current - Supply (Max) 120μA ~ 190μA PSRR 65dB ~ 45dB (1kHz ~ 20kHz) Control Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Sufface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Output Type	Fixed
Voltage - Output (Min/Fixed)2.6V, 3VVoltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesDver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Number of Regulators	2
Voltage - Output (Max)-Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Voltage - Input (Max)	5.5V
Voltage Dropout (Max)0.1V @ 150mA, 0.1V @ 150mACurrent - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Voltage - Output (Min/Fixed)	2.6V, 3V
Current - Output150mA, 150mACurrent - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Voltage - Output (Max)	-
Current - Quiescent (Iq)-Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Voltage Dropout (Max)	0.1V @ 150mA, 0.1V @ 150mA
Current - Supply (Max)120μA ~ 190μAPSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Current - Output	150mA, 150mA
PSRR65dB ~ 45dB (1kHz ~ 20kHz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Current - Supply (Max)	120µA ~ 190µA
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	PSRR	65dB ~ 45dB (1kHz ~ 20kHz)
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Control Features	Enable
Mounting TypeSurface MountPackage / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Protection Features	Over Current, Over Temperature
Package / CaseSOT-23-6 Thin, TSOT-23-6Supplier Device PackageTSOT-23-6	Operating Temperature	-40°C ~ 125°C
Supplier Device Package TSOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6 Thin, TSOT-23-6
Report errors?	Supplier Device Package	TSOT-23-6
		Report errors?

MIC5320-PKYD6-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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC5320-PKYD6-TR Payment Methods





If you have any question about MIC5320-PKYD6-TR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com