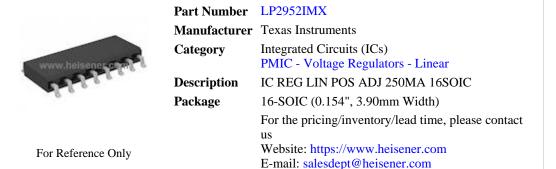


# **LP2952IMX**

# **LP2952IMX Information**





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.



# LP2952IMX Specifications

Annufacturer   Texas Instruments     Manufacturer   Texas Instruments     Category   Integrated Circuits (ICs)     Package   16-SOIC (0.154", 3.90mm Width)     Package   -     Dutput Configuration   Positive     Dutput Configuration   Positive     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   1.23V (5V)     Voltage - Output (Max)   29V     Voltage Dropout (Max)   0.8V @ 250mA     Current - Output   250mA     Current - Quiescent (Iq)   -     Current - Quiescent (Iq)   -     Current - Supply (Max)   170µA ~ 33mA     PSRR   -     Control Features   Over Current, Over Temperature, Reverse Polarity     Operating Temperature   -40°C ~ 125°C     Mounting Type   Surface Mount     Package / Case   16-SOIC (0.154", 3.90mm Width)		
CategoryIntegrated Circuits (ICs)PAckagePMIC - Voltage Regulators - LinearPackage16-SOIC (0.154", 3.90mm Width)Series-Output ConfigurationPositiveDutput ConfigurationAdjustable (Fixed)Output TypeAdjustable (Fixed)Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.23V (5V)Voltage - Output (Max)0.8V @ 250mAVoltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170µA ~ 33mAPSRR-Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature4.0°C ~ 125°CMounting TypeInface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	LP2952IMX
PMIC - Voltage Regulators - LinearPackage16-SOIC (0.154", 3.90mm Width)Series-Dutput ConfigurationPositiveDutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Max)29VVoltage - Output (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170µA ~ 33mAPSRR-Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection FeaturesOver Current, Over Temperature, Reverse PolarityPackage / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
Package16-SOIC (0.154", 3.90mm Width)Series-Dutput ConfigurationPositiveDutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.23V (5V)Voltage - Output (Max)29VVoltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170µA ~ 33mAPSRR-Control FeaturesOver Current, Over Temperature, Reverse PolarityProtection Features-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustable (Fixed)Number of Regulators1Voltage - Input (Max)30VVoltage - Output (Min/Fixed)1.23V (5V)Voltage - Output (Max)29VVoltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170µA ~ 33mAPSRR-Protection FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)		PMIC - Voltage Regulators - Linear
Description   Positive     Dutput Type   Adjustable (Fixed)     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   1.23V (5V)     Voltage - Output (Max)   29V     Voltage Dropout (Max)   0.8V @ 250mA     Current - Output   250mA     Current - Output   250mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   170μA ~ 33mA     PSRR   -     Control Features   Dover Current, Over Temperature, Reverse Polarity     Operating Temperature   40°C ~ 125°C     Mounting Type   Surface Mount     Package / Case   16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)
Adjustable (Fixed)     Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   1.23V (5V)     Voltage - Output (Max)   29V     Voltage Dropout (Max)   0.8V @ 250mA     Current - Output   250mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   170μA ~ 33mA     PSRR   -     Control Features   Enable     Protection Features   Over Current, Over Temperature, Reverse Polarity     Operating Temperature   40°C ~ 125°C     Mounting Type   Surface Mount     Package / Case   16-SOIC (0.154", 3.90mm Width)	Series	-
Number of Regulators   1     Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   1.23V (5V)     Voltage - Output (Max)   29V     Voltage Dropout (Max)   0.8V @ 250mA     Current - Output   250mA     Current - Output   250mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   170µA ~ 33mA     PSRR   -     Control Features   Over Current, Over Temperature, Reverse Polarity     Operating Temperature   40°C ~ 125°C     Mounting Type   Surface Mount     Package / Case   16-SOIC (0.154", 3.90mm Width)	Output Configuration	Positive
Voltage - Input (Max)   30V     Voltage - Output (Min/Fixed)   1.23V (5V)     Voltage - Output (Max)   29V     Voltage Dropout (Max)   0.8V @ 250mA     Current - Output   250mA     Current - Quiescent (Iq)   -     Current - Supply (Max)   170μA ~ 33mA     PSRR   -     Control Features   Enable     Protection Features   Over Current, Over Temperature, Reverse Polarity     Operating Temperature   -40°C ~ 125°C     Mounting Type   Surface Mount     Package / Case   16-SOIC (0.154", 3.90mm Width)	Output Type	Adjustable (Fixed)
Voltage - Output (Min/Fixed)1.23V (5V)Voltage - Output (Max)29VVoltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Number of Regulators	1
Voltage - Output (Max)29VVoltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Input (Max)	30V
Voltage Dropout (Max)0.8V @ 250mACurrent - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)	Voltage - Output (Min/Fixed)	1.23V (5V)
Current - Output250mACurrent - Quiescent (Iq)-Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Output (Max)	29V
Current - Quiescent (Iq)-Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage Dropout (Max)	0.8V @ 250mA
Current - Supply (Max)170μA ~ 33mAPSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Output	250mA
PSRR-Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Quiescent (Iq)	-
Control FeaturesEnableProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Supply (Max)	170μA ~ 33mA
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	PSRR	-
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Control Features	Enable
Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Protection Features	Over Current, Over Temperature, Reverse Polarity
Package / Case 16-SOIC (0.154", 3.90mm Width)   Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

#### LP2952IMX 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.

#### LP2952IMX Payment Methods



### LP2952IMX Shipping Methods



If you have any question about LP2952IMX, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com