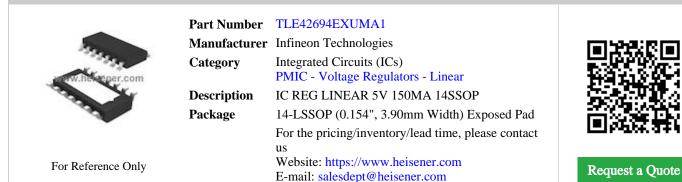


TLE42694EXUMA1

TLE42694EXUMA1 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.



TLE42694EXUMA1 Specifications

Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package 14-LSSOP (0.154", 3.90mm Width) Exposed Pad Package 14-LSSOP (0.154", 3.90mm Width) Exposed Pad Series Automotive, AEC-Q100 Dutput Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 280µA Current - Supply (Max) 8mA PSRR 70dB (100Hz) Control Features Over Current, Over Temperature, Reverse Polarity Operating Temperature 40°C ~ 150°C Mounting Type Surface Mount Package / Case 14-LSSOP (0.154", 3.90mm Width) Exposed Pad			
CategoryIntegrated Circuits (ICs)PMIC - Voltage Regulators - LinearPackage14-LSSOP (0.154", 3.90mm Width) Exposed PadPackageAutomotive, AEC-Q100Output ConfigurationPositiveOutput ConfigurationFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Output (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)ResetPosterOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackageGe-SSOP-14-EP	Manufacturer Part Number	TLE42694EXUMA1	
PMIC - Voltage Regulators - LinearPackage14-LSSOP (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveDutput ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Manufacturer	Infineon Technologies	
Package14-LSSOP (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 100mACurrent - Output280µACurrent - Quiescent (Iq)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Category	Integrated Circuits (ICs)	
SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Output (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)ResetPoster70dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 150°CMounting TypeSurface MountPackage / Case9G-SSOP-14-EP		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 100mAVoltage Dropout (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature44°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Package	14-LSSOP (0.154", 3.90mm Width) Exposed Pad	
Output TypeFixedNumber of Regulators1Voltage - Input (Max)45VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 100mAVoltage Dropout (Max)150mACurrent - Output150mACurrent - Quiescent (Iq)8MAPSRR70dB (100Hz)Control FeaturesNove Current, Over Temperature, Reverse PolarityOperating Temperature0ver Current, Over Temperature, Reverse PolarityOperating TypeSurface MountPackage / Case14LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device Package6G-SSOP-14-EP	Series	Automotive, AEC-Q100	
Number of Regulators1Number of Regulators45VVoltage - Input (Max)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Output Configuration	Positive	
Voltage - Input (Max) 45V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 100mA Current - Output 150mA Current - Quiescent (Iq) 280µA Current - Supply (Max) 8mA PSRR 70dB (100Hz) Control Features Reset Protection Features Over Current, Over Temperature, Reverse Polarity Operating Temperature Surface Mount Package / Case 14-LSSOP (0.154", 3.90mm Width) Exposed Pad Supplier Device Package PG-SSOP-14-EP	Output Type	Fixed	
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280μACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Voltage - Input (Max)	45V	
Voltage Dropout (Max)0.5V @ 100mACurrent - Output150mACurrent - Quiescent (Iq)280µACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Voltage - Output (Min/Fixed)	5V	
Current - Output150mACurrent - Quiescent (Iq)280μACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Voltage - Output (Max)	-	
Current - Quiescent (Iq)280μACurrent - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Voltage Dropout (Max)	0.5V @ 100mA	
Current - Supply (Max)8mAPSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Output	150mA	
PSRR70dB (100Hz)Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Quiescent (Iq)	280µA	
Control FeaturesResetProtection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Supply (Max)	8mA	
Protection FeaturesOver Current, Over Temperature, Reverse PolarityOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	PSRR	70dB (100Hz)	
Operating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Control Features	Reset	
Mounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Protection Features	Over Current, Over Temperature, Reverse Polarity	
Package / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Operating Temperature	-40°C ~ 150°C	
Supplier Device Package PG-SSOP-14-EP	Mounting Type	Surface Mount	
	Package / Case	14-LSSOP (0.154", 3.90mm Width) Exposed Pad	
Report errors?	Supplier Device Package	PG-SSOP-14-EP	
			Report errors?

TLE42694EXUMA1 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 EUARANTEE

Service Guarantees

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

TLE42694EXUMA1 Payment Methods





If you have any question about TLE42694EXUMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com