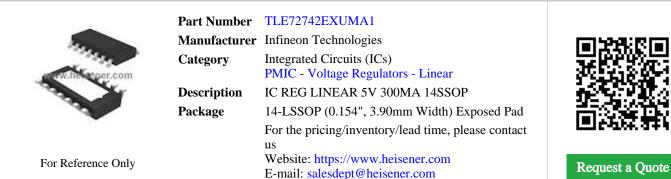


TLE72742EXUMA1

TLE72742EXUMA1 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.



TLE72742EXUMA1 Specifications

Manufacturer Infineon Technologies Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package 14-LSSOP (0.154", 3.90nm Width) Exposed Pad Package Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 200mA Current - Output 30mA Current - Quiescent (Iq) - Current - Supply (Max) 30µA ~ 40µA PSRR 60dB (100Hz) Control Features - Protection Features Over Current, Over Temperature, Short Circuit 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 PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Doupout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection Features-Protection Features-Protection Features-Audor C - 150°CSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Manufacturer Part Number	TLE72742EXUMA1
PMIC - Voltage Regulators - LinearPackage14-LSSOP (0.154°, 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)SVVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Protection Features-Protection Features-Protection Features-Package / Case14-LSSOP (0.154°, 3.90mm Width) Exposed PadPackage / CaseGeSSOP-14-EP	Manufacturer	Infineon Technologies
Package14-LSSOP (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection Features-Protection Features-Portection FeaturesSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadPackage / CaseGGSSOP-14-EP	Category	Integrated Circuits (ICs)
SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage - Output (Max)0.5V @ 200mACurrent - Output30mACurrent - Output30µA ~ 40µACurrent - Supply (Max)-PSRR60dB (100Hz)Potection Features-Potection Features-Output Type40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadByplier Device PackageGesSDP-14-EP		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature40°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
Process Fixed Number of Regulators 1 Voltage - Input (Max) 42V Voltage - Output (Min/Fixed) 5V Voltage - Output (Max) - Voltage Dropout (Max) 0.5V @ 200mA Current - Output 300mA Current - Quiescent (Iq) - Current - Supply (Max) 30µA ~ 40µA PSRR 6ddB (100Hz) Control Features - Portection Features Over Current, Over Temperature, Short Circuit Operating Temperature 40°C ~ 150°C Mounting Type Surface Mount Package / Case 14-LSSOP (0.154", 3.90mm Width) Exposed Pad Supplier Device Package PG-SSOP-14-EP	Series	Automotive, AEC-Q100
Number of Regulators1Number of Regulators42VVoltage - Input (Max)5VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating 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)42VVoltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Output Type	Fixed
Voltage - Output (Min/Fixed)5VVoltage - Output (Max)-Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30µA ~ 40µAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°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 @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 40μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Voltage - Input (Max)	42V
Voltage Dropout (Max)0.5V @ 200mACurrent - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 40μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating 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 - Output300mACurrent - Quiescent (Iq)-Current - Supply (Max)30μA ~ 40μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating 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)-Current - Supply (Max)30μA ~ 40μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating 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 @ 200mA
Current - Supply (Max)30μA ~ 40μAPSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Output	300mA
PSRR60dB (100Hz)Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Quiescent (Iq)	-
Control Features-Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Current - Supply (Max)	30µA ~ 40µA
Protection FeaturesOver Current, Over Temperature, Short CircuitOperating Temperature-40°C ~ 150°CMounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	PSRR	60dB (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	-
Mounting TypeSurface MountPackage / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Protection Features	Over Current, Over Temperature, Short Circuit
Package / Case14-LSSOP (0.154", 3.90mm Width) Exposed PadSupplier Device PackagePG-SSOP-14-EP	Operating Temperature	$-40^{\circ}C \sim 150^{\circ}C$
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?

TLE72742EXUMA1 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.

TLE72742EXUMA1 Payment Methods





If you have any question about TLE72742EXUMA1, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com