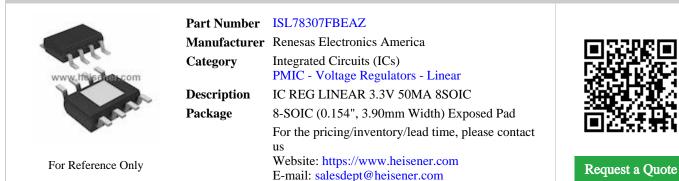


ISL78307FBEAZ

ISL78307FBEAZ 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.



ISL78307FBEAZ Specifications

Manufacturer Renesas Electronics America Manufacturer Renesas Electronics America Manufacturer Renesas Electronics America Manufacturer PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series Automotive, AEC-Q100 Output Configuration Positive Output Type Fixed Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) - Voltage Dropout (Max) 0.34V @ 50mA Current - Output SomA Current - Quiescent (Iq) 28µA Current - Quiescent (Iq) 90µA PSRR 58dB (100Hz) Control Features Over Current, Over Temperature Protection Features Over Current, Over Temperature Operating Temperature -40°C ~ 125°C Mounting Type Sufface Mount Package / Case Sufface Mount			
CategoryIntegrated Circuits (ICs)PArkagePMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Protection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Manufacturer Part Number	ISL78307FBEAZ	
PMIC - Voltage Regulators - LinearPackage8-SOIC (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Poutput (Max)0.34V @ 50mACurrent - Output50mACurrent - Output (Max)90µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesFinableProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSufface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Manufacturer	Renesas Electronics America	
Package8-SOIC (0.154", 3.90mm Width) Exposed PadSeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesOver Current, Over TemperatureProtection FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Category	Integrated Circuits (ICs)	
SeriesAutomotive, AEC-Q100Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.34V @ 50mAVoltage Dropout (Max)50mACurrent - Output50mACurrent - Quiescent (Iq)28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesOver Current, Over TemperatureProtection Features0.40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (D.154°, 3.90mm Width) Exposed Pad		PMIC - Voltage Regulators - Linear	
Output ConfigurationPositiveOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage - Output (Max)0.34V @ 50mACurrent - Output50mACurrent - Output28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesOver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
PrivateFixedOutput TypeFixedNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesSver Current, Over TemperatureOperating Temperature40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Series	Automotive, AEC-Q100	
Number of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28µACurrent - Supply (Max)90µAPSRR58dB (100Hz)Control FeaturesNove Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Output Configuration	Positive	
Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 3.3V Voltage - Output (Max) - Voltage Dropout (Max) 0.34V @ 50mA Current - Output 50mA Current - Output 28µA Current - Supply (Max) 90µA PSRR 58dB (100Hz) Control Features Dever Current, Over Temperature Protection Features Over Current, Over Temperature Operating Temperature 40°C ~ 125°C Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Output Type	Fixed	
Voltage - Output (Min/Fixed)3.3VVoltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28μACurrent - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Number of Regulators	1	
Voltage - Output (Max)-Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28μACurrent - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Voltage - Input (Max)	40V	
Voltage Dropout (Max)0.34V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)28μACurrent - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed Pad	Voltage - Output (Min/Fixed)	3.3V	
Current - Output50mACurrent - Quiescent (Iq)28μACurrent - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Voltage - Output (Max)	-	
Current - Quiescent (Iq)28μACurrent - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Voltage Dropout (Max)	0.34V @ 50mA	
Current - Supply (Max)90μAPSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Current - Output	50mA	
PSRR58dB (100Hz)Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Current - Quiescent (Iq)	28µA	
Control FeaturesEnableProtection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Current - Supply (Max)	90µA	
Protection FeaturesOver Current, Over TemperatureOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	PSRR	58dB (100Hz)	
Operating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Control Features	Enable	
Mounting TypeSurface MountPackage / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Protection Features	Over Current, Over Temperature	
Package / Case8-SOIC (0.154", 3.90mm Width) Exposed PadSupplier Device Package8-SOIC-EP	Operating Temperature	-40°C ~ 125°C	
Supplier Device Package 8-SOIC-EP	Mounting Type	Surface Mount	
	Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad	
Report errors?	Supplier Device Package	8-SOIC-EP	
			Report errors?

ISL78307FBEAZ 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.

ISL78307FBEAZ Payment Methods



ISL78307FBEAZ Shipping Methods



If you have any question about ISL78307FBEAZ, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com