

ISL80136IBEAJZ-T7A

ISL80136IBEAJZ-T7A Information



For Reference Only

Part Number ISL80136IBEAJZ-T7A

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)

PMIC - Voltage Regulators - Linear

DescriptionIC REG LINEAR POS ADJ 50MA 8SOIC**Package**8-SOIC (0.154", 3.90mm Width) Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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.









ISL80136IBEAJZ-T7A Specifications

Manufacturer Part Number ISL80136IBEAJZ-TTA Manufacturer Renesas Electronics America Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 12V Voltage Dropout (Max) 0.35V @ 50mA Current - Output 50mA Current - Quiescent (Iq) 24µA Current - Supply (Max) 82µA PSRR 58dB (100Hz) Control 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	*	
Category Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 12V Voltage Dropout (Max) 0.35V @ 50mA Current - Output 50mA Current - Quiescent (Iq) 24μA Current - Supply (Max) 82μA PSRR 58dB (100Hz) Control Features Enable 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	Manufacturer Part Number	ISL80136IBEAJZ-T7A
Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 12V Voltage Dropout (Max) 0.35V @ 50mA Current - Output 50mA Current - Quiescent (Iq) 24μA Current - Supply (Max) 82μA PSRR 58dB (100Hz) Control 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	Manufacturer	Renesas Electronics America
Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad Series - Output Configuration Positive Output Type Adjustable Number of Regulators 1 Voltage - Input (Max) 40V Voltage - Output (Min/Fixed) 2.5V Voltage - Output (Max) 12V Voltage Dropout (Max) 0.35V @ 50mA Current - Output 50mA Current - Quiescent (Iq) 24μA Current - Supply (Max) 82μA PSRR 58dB (100Hz) Control Features Dover 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	Category	Integrated Circuits (ICs)
Series-Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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		PMIC - Voltage Regulators - Linear
Output ConfigurationPositiveOutput TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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	Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Output TypeAdjustableNumber of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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	Series	-
Number of Regulators1Voltage - Input (Max)40VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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	Output Configuration	Positive
Voltage - Input (Max)40VVoltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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	Output Type	Adjustable
Voltage - Output (Min/Fixed)2.5VVoltage - Output (Max)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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)12VVoltage Dropout (Max)0.35V @ 50mACurrent - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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) Current - Output 50mA Current - Quiescent (Iq) 24μA Current - Supply (Max) PSRR 58dB (100Hz) Control Features Enable Protection Features Operating 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	Voltage - Output (Min/Fixed)	2.5V
Current - Output50mACurrent - Quiescent (Iq)24μACurrent - Supply (Max)82μAPSRR58dB (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)	12V
Current - Quiescent (Iq) Current - Supply (Max) 82µA PSRR 58dB (100Hz) Control Features Enable 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	Voltage Dropout (Max)	0.35V @ 50mA
Current - Supply (Max)82μAPSRR58dB (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
PSRR 58dB (100Hz) Control Features Enable 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	Current - Quiescent (Iq)	24μΑ
Control Features Protection Features Over Current, Over 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	Current - Supply (Max)	82μΑ
Protection Features 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	PSRR	58dB (100Hz)
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	Control Features	Enable
Mounting Type Surface Mount Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-SOIC-EP	Protection Features	Over Current, Over Temperature
Package / Case 8-SOIC (0.154", 3.90mm Width) Exposed Pad Supplier Device Package 8-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?

ISL80136IBEAJZ-T7A 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.

ISL80136IBEAJZ-T7A Payment Methods



















ISL80136IBEAJZ-T7A Shipping Methods













If you have any question about ISL80136IBEAJZ-T7A, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com