



ISL95808IRZ-T Information



For Reference Only

Part Number ISL95808IRZ-T

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionMOSFET DRIVER 8DFN**Package**8-VFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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ISL95808IRZ-T Specifications

Manufacturer Part NumberISL95808IRZ-TManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-VFDFN Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 5.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN-EP (2x2)		
Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 8 - VFDFN Exposed Pad Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 5.5 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Soperating Temperature A0°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8 - VFDFN Exposed Pad Supplier Device Package	Manufacturer Part Number	ISL95808IRZ-T
Package 8-VFDFN Exposed Pad Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 5.5 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 33V Rise / Fall Time (Typ) 8ns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Manufacturer	Renesas Electronics America
Package8-VFDFN Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 5.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33 VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN-EP (2x2)	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 5.5 VLogic Voltage - VIL, VIH-Current - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-40°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN-EP (2x2)		PMIC - Gate Drivers
Driven Configuration Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 5.5 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Sns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case Supplier Device Package 8-DFN-EP (2x2)	Package	8-VFDFN Exposed Pad
Channel Type Synchronous Number of Drivers 2 Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 5.5 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) 2A, 2A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) 33V Rise / Fall Time (Typ) 8ns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Series	-
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Gate Type N-Channel MOSFET Voltage - Supply 4.5 V ~ 5.5 V Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Suns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Channel Type	Synchronous
Voltage - Supply Logic Voltage - VIL, VIH - Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Soperating Temperature Operating Type Surface Mount Package / Case Supplier Device Package 4.5 V ~ 5.5 V 4.5 V ~ 5.5 V 4.5 V ~ 5.5 V 4.6 V ~ 5.5 V A SA Supplier Device Package A Supplier Device Package 4.6 V ~ 5.5 V A Supplier Device Package A Supplier Device Package A Supplier Device Package A Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Surface Mount Package / Case Supplier Device Package - VIL, VIH - Carrent - AQ Carr	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Voltage - Supply	4.5 V ~ 5.5 V
Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Logic Voltage - VIL, VIH	-
High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 8ns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Current - Peak Output (Source, Sink)	2A, 2A
Rise / Fall Time (Typ) 8ns, 8ns Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Input Type	Non-Inverting
Operating Temperature -40°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	High Side Voltage - Max (Bootstrap)	33V
Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Rise / Fall Time (Typ)	8ns, 8ns
Package / Case 8-VFDFN Exposed Pad Supplier Device Package 8-DFN-EP (2x2)	Operating Temperature	-40°C ~ 125°C (TJ)
Supplier Device Package 8-DFN-EP (2x2)	Mounting Type	Surface Mount
., ,	Package / Case	8-VFDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN-EP (2x2)
		Report errors?

ISL95808IRZ-T 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.

ISL95808IRZ-T Payment Methods



















ISL95808IRZ-T Shipping Methods













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