



### ISL6208CHRZ-T Information



For Reference Only

Part Number ISL6208CHRZ-T

Manufacturer Renesas Electronics America

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC MOSFET DRVR SYNC BUCK 8DFN

Package 8-VFDFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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# **ISL6208CHRZ-T Specifications**

Manufacturer Part NumberISL6208CHRZ-TManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)Package8-VFDFN Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeSynchronousNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 5.5 VLogic Voltage - VIL, VIH0.5V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-10°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 0.5V, 2V  Current - Peak Output (Source, Sink) 1nput Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Sns, 8ns Operating Temperature 1-10°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 8 - VFDFN Exposed Pad  Supplier Device Package	Manufacturer Part Number	ISL6208CHRZ-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 0.5V, 2V  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 -10°C ~ 125°C (TJ)  Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Manufacturer	Renesas Electronics America
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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 0.5V, 2V  Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Sns, 8ns Operating Temperature -10°C ~ 125°C (TJ)  Mounting Type Surface Mount Package / Case 8-VFDFN Exposed Pad Supplier Device Package	Package	8-VFDFN Exposed Pad
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Number of Drivers  Gate Type  N-Channel MOSFET  Voltage - Supply  4.5 V ~ 5.5 V  Logic Voltage - VIL, VIH  0.5V, 2V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Sunsanger Temperature  -10°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VFDFN Exposed Pad  Supplier Device Package	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply4.5 V ~ 5.5 VLogic Voltage - VIL, VIH0.5V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-10°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN-EP (2x2)	Channel Type	Synchronous
Voltage - Supply  Logic Voltage - VIL, VIH  0.5V, 2V  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  8-VFDFN Exposed Pad  Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH0.5V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)33VRise / Fall Time (Typ)8ns, 8nsOperating Temperature-10°C ~ 125°C (TJ)Mounting TypeSurface MountPackage / Case8-VFDFN Exposed PadSupplier Device Package8-DFN-EP (2x2)	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  -10°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  -10°C ~ 125°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VFDFN Exposed Pad  Supplier Device Package	Logic Voltage - VIL, VIH	0.5V, 2V
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Operating Temperature  -10°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	-10°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?

#### ISL6208CHRZ-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.

### ISL6208CHRZ-T Payment Methods



















### **ISL6208CHRZ-T Shipping Methods**













If you have any question about ISL6208CHRZ-T, please do not hesitate to contact us!

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