

ISL2110AR4Z-T

ISL2110AR4Z-T Information

Victor of the set of the set	Part Number Manufacturer Category Description Package	ISL2110AR4Z-T Intersil Integrated Circuits (ICs) PMIC - Gate Drivers IC MSFT DVR HALF-BRG 100V 12-DFN 12-VFDFN Exposed Pad For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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ISL2110AR4Z-T Specifications

Manufacturer Part NumberISL2110AR4Z-TManufacturerIntersilCategoryIntegrated Circuits (ICs)PackagePMIC - Gate DriversPackage12-VFDFN Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature40°C ~ 125°C (TJ)Mounting TypeSurface Mount		
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Package12-VFDFN Exposed PadSeries-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Category	Integrated Circuits (ICs)
Series-Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)		PMIC - Gate Drivers
Driven ConfigurationHalf-BridgeChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Package	12-VFDFN Exposed Pad
Channel TypeIndependentNumber of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Series	-
Number of Drivers2Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Driven Configuration	Half-Bridge
Gate TypeN-Channel MOSFETVoltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Channel Type	Independent
Voltage - Supply8 V ~ 14 VLogic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Number of Drivers	2
Logic Voltage - VIL, VIH3.7V, 7.4VCurrent - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink)3A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Voltage - Supply	8 V ~ 14 V
Input TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Logic Voltage - VIL, VIH	3.7V, 7.4V
High Side Voltage - Max (Bootstrap)114VRise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Current - Peak Output (Source, Sink)	3A, 4A
Rise / Fall Time (Typ)9ns, 7.5nsOperating Temperature-40°C ~ 125°C (TJ)	Input Type	Non-Inverting
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$	High Side Voltage - Max (Bootstrap)	114V
	Rise / Fall Time (Typ)	9ns, 7.5ns
Mounting Type Surface Mount	Operating Temperature	-40°C ~ 125°C (TJ)
	Mounting Type	Surface Mount
Package / Case 12-VFDFN Exposed Pad	Package / Case	12-VFDFN Exposed Pad
Supplier Device Package12-DFN (4x4)	Supplier Device Package	12-DFN (4x4)
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ISL2110AR4Z-T Guarantees



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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.

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Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

ISL2110AR4Z-T Payment Methods



ISL2110AR4Z-T Shipping Methods



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