



ISL55110IVZ Information



For Reference Only

Part Number ISL55110IVZ

Manufacturer Renesas Electronics America
Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

Description IC MOSFET DRIVER DUAL HS 8-TSSOP

Package 8-TSSOP (0.173", 4.40mm Width)
For the pricing/inventory/lead time, please contact

us

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



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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.









ISL55110IVZ Specifications

ManufacturerRenesas Electronics AmericaCategoryIntegrated Circuits (ICs)PMIC - Full, Half-Bridge DriversPackage8-TSSOP (0.173", 4.40mm Width)Series-Output ConfigurationHalf Bridge (2)ApplicationsDigital ImagingInterfaceLogicLoad TypeCapacitive and ResistiveTechnologyPower MOSFETRds On (Typ)3 OhmCurrent - Output / Channel100mACurrent - Peak Output3.5AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load5 V ~ 13.2 VOperating Temperature-40°C ~ 150°C (TJ)		
Category Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers Package 8-TSSOP (0.173", 4.40mm Width) Series - Output Configuration Half Bridge (2) Applications Digital Imaging Interface Logic Load Type Capacitive and Resistive Technology Power MOSFET Rds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply Voltage - Supply Voltage - Load Operating Temperature Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers 8-TSSOP (0.173", 4.40mm Width) Capacitive and Resistive Capacitive and Resistive Technology Power MOSFET 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply Voltage - Supply -40°C ~ 150°C (TJ)	Manufacturer Part Number	ISL55110IVZ
Package 8-TSSOP (0.173", 4.40mm Width) Series - Output Configuration Half Bridge (2) Applications Digital Imaging Interface Logic Load Type Capacitive and Resistive Technology Power MOSFET Rds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply 2.7 V ~ 5.5 V Voltage - Load 5 V ~ 13.2 V Operating Temperature -40°C ~ 150°C (TJ)	Manufacturer	Renesas Electronics America
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Series Output Configuration Half Bridge (2) Applications Digital Imaging Interface Logic Load Type Capacitive and Resistive Technology Power MOSFET Rds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply 2.7 V ~ 5.5 V Voltage - Load Operating Temperature -40°C ~ 150°C (TJ)		PMIC - Full, Half-Bridge Drivers
Output ConfigurationHalf Bridge (2)ApplicationsDigital ImagingInterfaceLogicLoad TypeCapacitive and ResistiveTechnologyPower MOSFETRds On (Typ)3 OhmCurrent - Output / Channel100mACurrent - Peak Output3.5AVoltage - Supply2.7 V ~ 5.5 VVoltage - Load5 V ~ 13.2 VOperating Temperature-40°C ~ 150°C (TJ)	Package	8-TSSOP (0.173", 4.40mm Width)
Applications Interface Logic Load Type Capacitive and Resistive Technology Power MOSFET Rds On (Typ) 3 Ohm Current - Output / Channel Current - Peak Output Voltage - Supply Voltage - Load 5 V ~ 13.2 V Operating Temperature Digital Imaging Logic Logic Capacitive and Resistive 100mA 3 Ohm 100mA 2.7 V ~ 5.5 V Voltage - Supply -40°C ~ 150°C (TJ)	Series	-
InterfaceLogicLoad TypeCapacitive and ResistiveTechnologyPower MOSFETRds On (Typ)3 OhmCurrent - Output / Channel $100mA$ Current - Peak Output $3.5A$ Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Output Configuration	Half Bridge (2)
Load TypeCapacitive and ResistiveTechnologyPower MOSFETRds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)	Applications	Digital Imaging
TechnologyPower MOSFETRds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Interface	Logic
Rds On (Typ) 3 Ohm Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply 2.7 V \sim 5.5 V Voltage - Load 5 V \sim 13.2 V Operating Temperature -40°C \sim 150°C (TJ)	Load Type	Capacitive and Resistive
Current - Output / Channel 100mA Current - Peak Output 3.5A Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Technology	Power MOSFET
Current - Peak Output $3.5A$ Voltage - Supply $2.7 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Rds On (Typ)	3 Ohm
Voltage - Supply $ 2.7 \text{ V} \sim 5.5 \text{ V} $ Voltage - Load $ 5 \text{ V} \sim 13.2 \text{ V} $ Operating Temperature $ -40^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)} $	Current - Output / Channel	100mA
Voltage - Load $5 \text{ V} \sim 13.2 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Current - Peak Output	3.5A
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Voltage - Supply	2.7 V ~ 5.5 V
	Voltage - Load	5 V ~ 13.2 V
Continue	Operating Temperature	-40°C ~ 150°C (TJ)
reatures -	Features	-
Fault Protection -	Fault Protection	-
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 8-TSSOP (0.173", 4.40mm Width)	Package / Case	8-TSSOP (0.173", 4.40mm Width)
Supplier Device Package 8-TSSOP	Supplier Device Package	8-TSSOP
Report errors		Report errors?

ISL55110IVZ 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.

ISL55110IVZ Payment Methods



















ISL55110IVZ Shipping Methods













If you have any question about ISL55110IVZ, please do not hesitate to contact us!

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