



## **IXDD604D2TR Information**



For Reference Only

Part Number IXDD604D2TR

Manufacturer IXYS Integrated Circuits Division

Category Integrated Circuits (ICs)

**PMIC - Gate Drivers** 

**Description** IC GATE DVR 4A DUAL HS 8DFN

Package 8-VDFN 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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## **IXDD604D2TR Specifications**

Manufacturer Part NumberIXDD604D2TRManufacturerIXYS Integrated Circuits DivisionCategoryIntegrated Circuits (ICs)Package8-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)9ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package8-DFN-EP (5x4)		
CategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-VDFN Exposed PadSeries-Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeIGBT, N-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 35 VLogic Voltage - VIL, VIH0.8V, 3VCurrent - Peak Output (Source, Sink)4A, 4AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)9ns, 8nsOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package8-DFN-EP (5x4)	Manufacturer Part Number	IXDD604D2TR
Package 8-VDFN Exposed Pad  Series - Driven Configuration Low-Side Channel Type Independent Number of Drivers 2 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) 4A, 4A Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package	Manufacturer	IXYS Integrated Circuits Division
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Driven Configuration  Channel Type  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 35 V  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VDFN Exposed Pad  Supplier Device Package	Package	8-VDFN Exposed Pad
Channel Type Number of Drivers 2 Gate Type IGBT, N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 35 V Logic Voltage - VIL, VIH 0.8V, 3V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 9ns, 8ns Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 8-VDFN Exposed Pad Supplier Device Package 8-DFN-EP (5x4)	Series	-
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Gate Type  IGBT, N-Channel, P-Channel MOSFET  Voltage - Supply  4.5 V ~ 35 V  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  - Rise / Fall Time (Typ)  9ns, 8ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VDFN Exposed Pad  Supplier Device Package	Channel Type	Independent
Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 3V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  9ns, 8ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VDFN Exposed Pad  Supplier Device Package	Number of Drivers	2
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Rise / Fall Time (Typ)  9ns, 8ns  Operating Temperature  -55°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  8-VDFN Exposed Pad  Supplier Device Package  8-DFN-EP (5x4)	Input Type	Non-Inverting
Operating Temperature-55°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case8-VDFN Exposed PadSupplier Device Package8-DFN-EP (5x4)	High Side Voltage - Max (Bootstrap)	-
Mounting Type Surface Mount  Package / Case 8-VDFN Exposed Pad  Supplier Device Package 8-DFN-EP (5x4)	Rise / Fall Time (Typ)	9ns, 8ns
Package / Case 8-VDFN Exposed Pad Supplier Device Package 8-DFN-EP (5x4)	Operating Temperature	-55°C ~ 150°C (TJ)
Supplier Device Package 8-DFN-EP (5x4)	Mounting Type	Surface Mount
11	Package / Case	8-VDFN Exposed Pad
Report errors?	Supplier Device Package	8-DFN-EP (5x4)
		Report errors

#### IXDD604D2TR 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.

### **IXDD604D2TR Payment Methods**



















### **IXDD604D2TR Shipping Methods**













If you have any question about IXDD604D2TR, please do not hesitate to contact us!

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