



NTSX2102GDH Information



For Reference Only

Part Number NTSX2102GDH

Manufacturer NXP

Category Integrated Circuits (ICs)

Logic - Translators, Level Shifters

Description IC TXRX TRANSLATING SOT996

Package 8-XFDFN

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

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.









NTSX2102GDH Specifications

Manufacturer Part Number NTSX2102GDH Manufacturer NXP Category Integrated Circuits (ICs) Logic - Translators, Level Shifters Package 8-XFDFN Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	*	
Category Integrated Circuits (ICs) Logic - Translators, Level Shifters Package 8-XFDFN Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Manufacturer Part Number	NTSX2102GDH
Package 8-XFDFN Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Manufacturer	NXP
Package 8-XFDFN Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Category	Integrated Circuits (ICs)
Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)		Logic - Translators, Level Shifters
Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Package	8-XFDFN
Channel TypeBidirectionalNumber of Circuits1Channels per Circuit2Voltage - VCCA1.65V ~ 5.5VVoltage - VCCB1.65V ~ 5.5VInput Signal-Output Signal-Output TypeOpen Drain, Tri-StateData Rate50MbpsOperating Temperature-40°C ~ 85°C (TA)FeaturesAuto-Direction SensingMounting TypeSurface MountPackage / Case8-XFDFNSupplier Device Package8-XSON, SOT996-2 (2x3)	Series	-
Number of Circuits Channels per Circuit 2 Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB Input Signal - Output Signal Output Type Open Drain, Tri-State Data Rate Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Mounting Type Surface Mount Package / Case Supplier Device Package 8-XSON, SOT996-2 (2x3)	Translator Type	Voltage Level
Channels per Circuit Voltage - VCCA 1.65V ~ 5.5V Voltage - VCCB 1.65V ~ 5.5V Input Signal Output Signal Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Mounting Type Surface Mount Package / Case Supplier Device Package 8-XSON, SOT996-2 (2x3)	Channel Type	Bidirectional
Voltage - VCCA Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case Supplier Device Package 8-XSON, SOT996-2 (2x3)	Number of Circuits	1
Voltage - VCCB Input Signal Output Signal Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 1.65V ~ 5.5V 1.65V ~ 5.5V Auto-Direction Sensing 8-XSON, SOT996-2 (2x3)	Channels per Circuit	2
Input Signal - Output Signal - Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Voltage - VCCA	1.65V ~ 5.5V
Output Signal Output Type Open Drain, Tri-State Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Voltage - VCCB	1.65V ~ 5.5V
Output TypeOpen Drain, Tri-StateData Rate50MbpsOperating Temperature-40°C ~ 85°C (TA)FeaturesAuto-Direction SensingMounting TypeSurface MountPackage / Case8-XFDFNSupplier Device Package8-XSON, SOT996-2 (2x3)	Input Signal	-
Data Rate 50Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Output Signal	-
Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Output Type	Open Drain, Tri-State
Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Data Rate	50Mbps
Mounting Type Surface Mount Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 8-XFDFN Supplier Device Package 8-XSON, SOT996-2 (2x3)	Features	Auto-Direction Sensing
Supplier Device Package 8-XSON, SOT996-2 (2x3)	Mounting Type	Surface Mount
	Package / Case	8-XFDFN
Report errors?	Supplier Device Package	8-XSON, SOT996-2 (2x3)
		Report errors?

NTSX2102GDH 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.

NTSX2102GDH Payment Methods





















NTSX2102GDH Shipping Methods













If you have any question about NTSX2102GDH, please do not hesitate to contact us!

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