



TXB0108YZPR Information



For Reference Only

Part Number TXB0108YZPR

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

Logic - Translators, Level Shifters

Description IC V-LEVEL XLATR 8B ESD 20DSBGA

Package 20-XFBGA, DSBGA

For the pricing/inventory/lead time, please contact

us

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



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TXB0108YZPR Specifications

Manufacturer Part Number Manufacturer Texas Instruments Integrated Circuits (ICs) Logic - Translators, Level Shifters Package 20-XFBGA, DSBGA Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate Operating Temperature - 40°C ~ 85°C (TA) Features Mounting Type Surface Mount Package / Case Supplier Device Package Texas Instruments Integrated Circuits (ICs) Logic - Translators, Level Shifters Package / Case Tri-State, Non-By Surface Mount Report errors?	•	
Category Integrated Circuits (ICs) Logic - Translators, Level Shifters Package 20-XFBGA, DSBGA Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Manufacturer Part Number	TXB0108YZPR
Logic - Translators, Level Shifters	Manufacturer	Texas Instruments
Package 20-XFBGA, DSBGA Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Category	Integrated Circuits (ICs)
Series - Translator Type Voltage Level Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package		Logic - Translators, Level Shifters
Translator Type Channel Type Bidirectional Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Mounting Type Surface Mount Package / Case Supplier Device Package Voltage Level Bidirectional A Voltage Level Bidirectional 1 1 1 1 1 1 1 1 1 1 1 1 1	Package	20-XFBGA, DSBGA
Channel Type Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Mounting Type Surface Mount Package / Case Supplier Device Package Bidirectional 1 Auto-Directional 1 Auto-Direction Sensing Surface Mount 20-XFBGA, DSBGA	Series	-
Number of Circuits 1 Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Translator Type	Voltage Level
Channels per Circuit 8 Voltage - VCCA 1.2V ~ 3.6V Voltage - VCCB 1.65V ~ 5.5V Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Channel Type	Bidirectional
Voltage - VCCA Voltage - VCCB 1.65V ~ 5.5V Input Signal Output Signal Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case Supplier Device Package 1.2V ~ 3.6V 1.65V ~ 5.5V Tri-State, Non-Inverted Auto-Direction Sensing Surface Mount 2-40°C ~ 85°C (TA) Surface Mount 20-XFBGA, DSBGA	Number of Circuits	1
Voltage - VCCB Input Signal Output Signal Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package	Channels per Circuit	8
Input Signal - Output Signal - Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package	Voltage - VCCA	1.2V ~ 3.6V
Output Signal Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package	Voltage - VCCB	1.65V ~ 5.5V
Output Type Tri-State, Non-Inverted Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Input Signal	-
Data Rate 100Mbps Operating Temperature -40°C ~ 85°C (TA) Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Output Signal	-
Operating Temperature -40°C ~ 85°C (TA) Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Output Type	Tri-State, Non-Inverted
Features Auto-Direction Sensing Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Data Rate	100Mbps
Mounting Type Surface Mount Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Operating Temperature	-40°C ~ 85°C (TA)
Package / Case 20-XFBGA, DSBGA Supplier Device Package 20-DSBGA	Features	Auto-Direction Sensing
Supplier Device Package 20-DSBGA	Mounting Type	Surface Mount
	Package / Case	20-XFBGA, DSBGA
Report errors?	Supplier Device Package	20-DSBGA
1		Report errors?

TXB0108YZPR Guarantees



Quality Guarantees

We provide 90 days warranty. *

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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.

TXB0108YZPR Payment Methods





















TXB0108YZPR Shipping Methods













If you have any question about TXB0108YZPR, please do not hesitate to contact us!

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