

ISO7220ADR

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ISO7220ADR Information

wish prisener.com	Part Number	ISO7220ADR	
	Manufacturer	Texas Instruments	
	Category	Isolators Digital Isolators	
	Description	DGTL ISO 2.5KV GEN PURP 8SOIC	
	Package	8-SOIC (0.154", 3.90mm Width)	
		For the pricing/inventory/lead time, please contact	
For Reference Only		us Website: https://www.heisener.com E-mail: salesdept@heisener.com	

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.



ISO7220ADR Specifications

ManufacturerTexas InstrumentsCategoryIsolatorsPackageSeylol IsolatorsPackageSeylol (0.154", 3.90mm Width)Series-TechnologyGeneral PurposeTypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData RateMbpsPropagation Delay tpLL/ tpHL (Max)HansPilse Width Distortion (Max)Ins, 1nsRise / Fall Time (Typ)Jol X ~ 5.5 VOperating Temperature40°C ~ 125°CPackage / CaseSexOle (0.154", 3.90mm Width)	-	
CategoryIsolatorsPackage8-SOIC (0.154", 3.90mm Width)Package8-SOIC (0.154", 3.90mm Width)Series-TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)4/5ns, 4/5nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	ISO7220ADR
Digital IsolatorsPackage8-SOIC (0.154", 3.90mm Width)Series-TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPupagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer	Texas Instruments
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TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
TypeGeneral PurposeIsolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Series	-
Isolated PowerNoNumber of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Technology	Capacitive Coupling
Number of Channels2Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData RateIMbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)IAnsKise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Туре	General Purpose
Inputs - Side 1/Side 22/0Channel TypeUnidirectionalVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Isolated Power	No
Channel TypeUnidirectionalChannel Type2500VrmsVoltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)	Number of Channels	2
Voltage - Isolation2500VrmsCommon Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Inputs - Side 1/Side 2	2/0
Common Mode Transient Immunity (Min)25kV/µsData Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Channel Type	Unidirectional
Data Rate1MbpsPropagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Isolation	2500Vrms
Propagation Delay tpLH / tpHL (Max)475ns, 475nsPulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Common Mode Transient Immunity (Min)	25kV/µs
Pulse Width Distortion (Max)14nsRise / Fall Time (Typ)1ns, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Data Rate	1Mbps
Rise / Fall Time (Typ)Ins, 1nsVoltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Propagation Delay tpLH / tpHL (Max)	475ns, 475ns
Voltage - Supply3 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Pulse Width Distortion (Max)	14ns
Operating Temperature-40°C ~ 125°CPackage / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Rise / Fall Time (Typ)	1ns, 1ns
Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Voltage - Supply	3 V ~ 5.5 V
Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

ISO7220ADR 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 EUARANTEE

Service Guarantees

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

ISO7220ADR Payment Methods



ISO7220ADR Shipping Methods



If you have any question about ISO7220ADR, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com