

ISO7842DWW

ISO7842DWW Information

Jywww.heisener.com	 ISO7842DWW Texas Instruments Isolators Digital Isolators DGTL ISO 5.7KV GEN PURP 16SOIC 16-SOIC (0.551", 14.00mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	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.



ISO7842DWW Specifications

Manufacturer Part Number ISO7842DWW Manufacturer Texas Instruments Category Isolators Package IsoSIC (0.551", 14.00mm Width) Series - Technology Garacitive Coupling Type General Purpose Isolator Power No Number of Channels 4 Inputs - Side I/Side 2 2/2 Channel Type Unidirectional Voltage - Isolation S00KV/ms Common Mode runsient Immunity (Min) 100kV/µs Data Rate 100kV/µs Propagation Delay tpLH / tpLL (Max) Instruments Rise / Fall Time (Typ) 1.7ns, 1.9ns Voltage - Supply 2.25 V ~ 5.5 V Operating Temperature 5.5°C ~ 125°C Package / Case I6-SOIC (0.551", 14.00mm Width)		
SelatorsDigital IsolatorsPackage16-SOIC (0.551", 14.00mm Width)Series-TechnologyCapacitive CouplingTypeGeneral PurposeIsolator PowerNoNumber of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5700VrmsCommon Mode Transient Immunity (Min)100kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)16ns, 16nsPuse Width Distortion (Max)4.1nsRise / Fall Time (Typ)2.25 V ~ 5.5 VOrgerating Temperature55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)	Manufacturer Part Number	ISO7842DWW
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TechnologyCapacitive CouplingTypeGeneral PurposeIsolated PowerNoNumber of Channels4Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5700VrmsCommon Mode Transient Immunity (Min)100kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)16ns, 16nsNuse Vidth Distortion (Max)1.7ns, 1.9nsNotage - Supply2.25 V ~ 5.5 VOperating Temperature55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Package	16-SOIC (0.551", 14.00mm Width)
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Inputs - Side 1/Side 22/2Channel TypeUnidirectionalVoltage - Isolation5700VrmsCommon Mode Transient Immunity (Min)100kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)16ns, 16nsPulse Width Distortion (Max)4.1nsRise / Fall Time (Typ)2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Isolated Power	No
Channel Type Unidirectional Voltage - Isolation 5700Vrms Common Mode Transient Immunity (Min) 100kV/µs Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) 16ns, 16ns Pulse Width Distortion (Max) 4.1ns Rise / Fall Time (Typ) 2.25 V ~ 5.5 V Operating Temperature -55°C ~ 125°C Package / Case 16-SOIC (0.551", 14.00mm Width)	Number of Channels	4
Yoltage - Isolation5700VrmsCommon Mode Transient Immunity (Min)100kV/µsData Rate100MbpsPropagation Delay tpLH / tpHL (Max)16ns, 16nsPulse Width Distortion (Max)4.1nsRise / Fall Time (Typ)1.7ns, 1.9nsVoltage - Supply2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)	Inputs - Side 1/Side 2	2/2
Common Mode Transient Immunity (Min) 100kV/µs Data Rate 100Mbps Propagation Delay tpLH / tpHL (Max) 16ns, 16ns Pulse Width Distortion (Max) 4.1ns Rise / Fall Time (Typ) 1.7ns, 1.9ns Voltage - Supply 2.25 V ~ 5.5 V Operating Temperature -55°C ~ 125°C Package / Case 16-SOIC (0.551", 14.00mm Width)	Channel Type	Unidirectional
Data Rate100MbpsPropagation Delay tpLH / tpHL (Max)16ns, 16nsPulse Width Distortion (Max)4.1nsRise / Fall Time (Typ)1.7ns, 1.9nsVoltage - Supply2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Voltage - Isolation	5700Vrms
Propagation Delay tpLH / tpHL (Max)16ns, 16nsPulse Width Distortion (Max)4.1nsRise / Fall Time (Typ)1.7ns, 1.9nsVoltage - Supply2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Common Mode Transient Immunity (Min)	100kV/µs
Pulse Width Distortion (Max)4.1nsRise / Fall Time (Typ)1.7ns, 1.9nsVoltage - Supply2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Data Rate	100Mbps
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Voltage - Supply2.25 V ~ 5.5 VOperating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Pulse Width Distortion (Max)	4.1ns
Operating Temperature-55°C ~ 125°CPackage / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Rise / Fall Time (Typ)	1.7ns, 1.9ns
Package / Case16-SOIC (0.551", 14.00mm Width)Supplier Device Package16-SOIC	Voltage - Supply	2.25 V ~ 5.5 V
Supplier Device Package 16-SOIC	Operating Temperature	-55°C ~ 125°C
	Package / Case	16-SOIC (0.551", 14.00mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ISO7842DWW 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 BUARANTEE

Service Guarantees

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

ISO7842DWW Payment Methods





If you have any question about ISO7842DWW, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com