



ACML-7400-000E Information



For Reference Only

Part Number ACML-7400-000E Manufacturer Broadcom Limited

Category Isolators

Digital Isolators

Description DGTL ISO 5.6KV GEN PURP 16SOIC **Package** 16-SOIC (0.295", 7.50mm Width)

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.









ACML-7400-000E Specifications

Manufacturer Part Number ACML-7400-000E Manufacturer Broadcom Limited Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3 v ~ 3.6 v, 4.5 v ~ 5.5 v Operating Temperature 40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		
Category Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Manufacturer Part Number	ACML-7400-000E
Package Digital Isolators Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Manufacturer	Broadcom Limited
Package 16-SOIC (0.295", 7.50mm Width) Series - Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Category	Isolators
Series - Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC		Digital Isolators
Technology Magnetic Coupling Type General Purpose Isolated Power No Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/μs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Package	16-SOIC (0.295", 7.50mm Width)
TypeGeneral PurposeIsolated PowerNoNumber of Channels4Inputs - Side 1/Side 24/0Channel TypeUnidirectionalVoltage - Isolation5600VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MBdPropagation Delay tpLH / tpHL (Max)32ns, 32nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)3ns, 3nsVoltage - Supply3 V ~ 3.6 V, 4.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Series	-
Isolated Power Number of Channels 4 Inputs - Side 1/Side 2 4/0 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Technology	Magnetic Coupling
Number of Channels4Inputs - Side 1/Side 24/0Channel TypeUnidirectionalVoltage - Isolation5600VrmsCommon Mode Transient Immunity (Min)25kV/μsData Rate100MBdPropagation Delay tpLH / tpHL (Max)32ns, 32nsPulse Width Distortion (Max)2nsRise / Fall Time (Typ)3ns, 3nsVoltage - Supply3 V ~ 3.6 V, 4.5 V ~ 5.5 VOperating Temperature-40°C ~ 125°CPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC	Туре	General Purpose
Inputs - Side 1/Side 2 Channel Type Unidirectional Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Isolated Power	No
Channel Type Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/µs Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 23ns, 32ns Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Number of Channels	4
Voltage - Isolation 5600Vrms Common Mode Transient Immunity (Min) 25kV/ μ s Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Inputs - Side 1/Side 2	4/0
Common Mode Transient Immunity (Min) Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Channel Type	Unidirectional
Data Rate 100MBd Propagation Delay tpLH / tpHL (Max) 32ns, 32ns Pulse Width Distortion (Max) 2ns Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Isolation	5600Vrms
Propagation Delay tpLH / tpHL (Max) Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V Operating Temperature -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Common Mode Transient Immunity (Min)	25kV/μs
Pulse Width Distortion (Max) Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 V ~ 3.6 V, 4.5 V ~ 5.5 V -40°C ~ 125°C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package	Data Rate	100MBd
Rise / Fall Time (Typ) 3ns, 3ns Voltage - Supply 3 $V \sim 3.6 V$, $4.5 V \sim 5.5 V$ Operating Temperature -40°C ~ 125 °C Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Propagation Delay tpLH / tpHL (Max)	32ns, 32ns
Voltage - Supply $3\ V \sim 3.6\ V, 4.5\ V \sim 5.5\ V$ Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case $16\text{-SOIC}\ (0.295'', 7.50\text{mm Width})$ Supplier Device Package 16-SOIC	Pulse Width Distortion (Max)	2ns
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C}$ Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	3ns, 3ns
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC	Voltage - Supply	3 V ~ 3.6 V, 4.5 V ~ 5.5 V
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 125°C
	Package / Case	16-SOIC (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	16-SOIC
		Report errors?

ACML-7400-000E 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.

ACML-7400-000E Payment Methods



















ACML-7400-000E Shipping Methods













If you have any question about ACML-7400-000E, please do not hesitate to contact us!

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