

## HCNW2611#300

#### HCNW2611#300 Information



For Reference Only

Part Number	HCNW2611#300	
Manufacturer	Broadcom Limited	
Category	Isolators Optoisolators - Logic Output	
Description	OPTOISO 5KV OPEN COLL 8DIP GW	
Package	8-SMD, Gull Wing	
	For the pricing/inventory/lead time, please contact us Website: https://www.heisener.com E-mail: salesdept@heisener.com	



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#### HCNW2611#300 Specifications

Manufacturer Part NumberHCNW2611#300ManufacturerBroadcom LimitedCategoryIsolatorsOptoisolators - Logic OutputPackage8-SMD, Gull WingSeries-Number of Channels1Inputs - Side 1/Side 2/0Voltage - Isolation5000VrmsCommo Mode Transient Immunity (Min)ISkV/µsInput TypeOpen Collector, Schottky ClampedOutput TypeOpen Collector, Schottky ClampedOutput Type10MBdPackage - Sorward (Vf) (Typ)1.64VVoltage - Forward (Vf) (Typ)1.64VVoltage - Sorward (Vf) (Typ)4.5 V ~ 5.5 VOperating Temperature4.00°C ~ 85°CMounting TypeSurface MountPackage / CaseS-MD, Gull Wing	-	
Category Isolators   Category Isolators   Optoisolators - Logic Output   Package 8-SMD, Gull Wing   Series -   Number of Channels 1   Inputs - Side 1/Side 2 1/0   Voltage - Isolation 5000Vrms   Common Mode Transient Immunity (Min) 15kV/µs   Input Type DC   Output Type Open Collector, Schottky Clamped   Output Type 00mA   Output Type 100ms 100ms   Output Channel 100ms 100ms   Norse - Sond (Vf) (Typ) 24ms, 10ms   Voltage - Forward (Vf) (Typ) 1.64V   Current - DC Forward (If) (Max) 20mA   Voltage - Sonply 4.5 V ~ 5.5 V   Operating Temperature 40°C ~ 85°C   Mounting Type Surface Mount   Package / Case 8-SMD, Gull Wing	Manufacturer Part Number	HCNW2611#300
DefinitionOptioisolators - Logic OutputPackage8-SMD, Gull WingSeries-Number of Channels1Inputs - Side 1/Side 21/0Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)164VVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull Wing	Manufacturer	Broadcom Limited
Package8-SMD, Gull WingSeries-Number of Channels1Inputs - Side 1/Side 21/0Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate100ms, 100ms, 100msPropagation Delay tpLH / tpHL (Max)100ms, 100msRise / Fall Time (Typ)24ns, 10msVoltage - Forward (Uf) (Typ)1.64VVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSufface MountPackage / Case8-SMD, Gull Wing	Category	Isolators
Series-Number of Channels1Inputs - Side 1/Side 21/0Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating TemperatureSurface MountMounting TypeSurface MountPackage / Case8-SMD, Gull Wing		Optoisolators - Logic Output
Number of Channels1Inputs - Side 1/Side 21/0Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Uf) (Typ)1.64VCurrent - DC Forward (Uf) (Max)20mAYoltage - Supply4.5 V ~ 5.5 VOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull Wing	Package	8-SMD, Gull Wing
Inputs - Side 1/Side 21/0Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedOutput Type50mACurrent - Output / Channel50mAPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Lyf) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VVoltage - Supply4.9°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSuppler Device Package8-DIP Gull Wing	Series	-
Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAOperating Temperature4.5 V ~ 5.5 VOperating TemperatureSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Number of Channels	1
Common Mode Transient Immunity (Min)15kV/µsInput TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature4.0°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull Wing	Inputs - Side 1/Side 2	1/0
Input TypeDCOutput TypeOpen Collector, Schottky ClampedCurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Voltage - Isolation	5000Vrms
NoteOutput TypeOpen Collector, Schottky ClampedOutput TypeSomACurrent - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Common Mode Transient Immunity (Min)	15kV/μs
Current - Output / Channel50mAData Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Input Type	DC
Data Rate10MBdPropagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Output Type	Open Collector, Schottky Clamped
Propagation Delay tpLH / tpHL (Max)100ns, 100nsRise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Current - Output / Channel	50mA
Rise / Fall Time (Typ)24ns, 10nsVoltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Data Rate	10MBd
Voltage - Forward (Vf) (Typ)1.64VCurrent - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Propagation Delay tpLH / tpHL (Max)	100ns, 100ns
Current - DC Forward (If) (Max)20mAVoltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Rise / Fall Time (Typ)	24ns, 10ns
Voltage - Supply4.5 V ~ 5.5 VOperating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Voltage - Forward (Vf) (Typ)	1.64V
Operating Temperature-40°C ~ 85°CMounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Current - DC Forward (If) (Max)	20mA
Mounting TypeSurface MountPackage / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Voltage - Supply	4.5 V ~ 5.5 V
Package / Case8-SMD, Gull WingSupplier Device Package8-DIP Gull Wing	Operating Temperature	$-40^{\circ}\mathrm{C} \sim 85^{\circ}\mathrm{C}$
Supplier Device Package 8-DIP Gull Wing	Mounting Type	Surface Mount
	Package / Case	8-SMD, Gull Wing
Report errors?	Supplier Device Package	8-DIP Gull Wing
		Report errors?

#### HCNW2611#300 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.

#### HCNW2611#300 Payment Methods



If you have any question about HCNW2611#300, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com