

# ADUM4135BRWZ-RL

### **ADUM4135BRWZ-RL Information**



For Reference Only

Part Number ADUM4135BRWZ-RL Manufacturer Analog Devices Inc.

**Category** Isolators

Isolators - Gate Drivers

**Description** DGTL ISO 5KV GATE DRIVER 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.









# **ADUM4135BRWZ-RL Specifications**

Manufacturer Part Number         ADUM4135BRWZ-RL           Manufacturer         Analog Devices Inc.           Category         Isolators           Package         16-SOIC (0.295", 7.50mm Width)           Series         iCoupler?           Technology         Magnetic Coupling           Number of Channels         1           Voltage - Isolation         5000Vrms           Common Mode Transient Immunity (Min)         100kV/µs           Propagation Delay tpLH / tpHL (Max)         66ns, 66ns           Pulse Width Distortion (Max)         -           Rise / Fall Time (Typ)         16ns, 16ns           Current - Output High, Low         -           Current - Peak Output         4A           Voltage - Forward (Vf) (Typ)         -           Current - DC Forward (If) (Max)         -           Voltage - Supply         12 V ~ 30 V           Operating Temperature         40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         16-SOIC (0.295", 7.50mm Width)           Supplier Device Package         16-SOIC           Approvals         -		
Category         Isolators           Package         16-SOIC (0.295", 7.50mm Width)           Series         iCoupler?           Technology         Magnetic Coupling           Number of Channels         1           Voltage - Isolation         5000Vrms           Common Mode Transient Immunity (Min)         100kV/µs           Propagation Delay tpLH / tpHL (Max)         66ns, 66ns           Pulse Width Distortion (Max)         -           Rise / Fall Time (Typ)         16ns, 16ns           Current - Output High, Low         -           Current - Peak Output         4A           Voltage - Forward (Vf) (Typ)         -           Current - DC Forward (If) (Max)         -           Voltage - Supply         12 V ~ 30 V           Operating Temperature         40°C ~ 125°C           Mounting Type         Surface Mount           Package / Case         16-SOIC (0.295", 7.50mm Width)           Supplier Device Package         16-SOIC           Approvals         -	Manufacturer Part Number	ADUM4135BRWZ-RL
Isolators - Gate Drivers	Manufacturer	Analog Devices Inc.
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SeriesiCoupler?TechnologyMagnetic CouplingNumber of Channels1Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)100kV/µsPropagation Delay tpLH / tpHL (Max)66ns, 66nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)16ns, 16nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply12 V ~ 30 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOICApprovals-		Isolators - Gate Drivers
Technology  Number of Channels  Voltage - Isolation  Sonotyms  Common Mode Transient Immunity (Min)  Propagation Delay tpLH / tpHL (Max)  Propagation Delay tpLH / tpHL (Max)  Rise / Fall Time (Typ)  Current - Output High, Low  Current - Peak Output  Voltage - Forward (Vf) (Typ)  Current - DC Forward (If) (Max)  Voltage - Supply  Operating Temperature  Mounting Type  Mounting Type  Package / Case  Approvals  Magnetic Coupling  10  Magnetic Coupling  10  Magnetic Coupling  10  Nagnetic Coupling  10  NoW/ms  100kV/µs  66ns, 66ns  -  16ns, 16ns  -  -  -  -  -  -  -  -  -  -  -  -  -	Package	16-SOIC (0.295", 7.50mm Width)
Number of Channels1Voltage - Isolation5000VrmsCommon Mode Transient Immunity (Min)100kV/μsPropagation Delay tpLH / tpHL (Max)66ns, 66nsPulse Width Distortion (Max)-Rise / Fall Time (Typ)16ns, 16nsCurrent - Output High, Low-Current - Peak Output4AVoltage - Forward (Vf) (Typ)-Current - DC Forward (If) (Max)-Voltage - Supply12 V ~ 30 VOperating Temperature-40°C ~ 125°CMounting TypeSurface MountPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOICApprovals-	Series	iCoupler?
Voltage - Isolation 5000Vrms  Common Mode Transient Immunity (Min) 100kV/µs  Propagation Delay tpLH / tpHL (Max) 66ns, 66ns  Pulse Width Distortion (Max) - Rise / Fall Time (Typ) 16ns, 16ns  Current - Output High, Low -  Current - Peak Output 4A  Voltage - Forward (Vf) (Typ) -  Current - DC Forward (If) (Max) -  Voltage - Supply 12 V ~ 30 V  Operating Temperature -40°C ~ 125°C  Mounting Type Surface Mount  Package / Case 16-SOIC (0.295", 7.50mm Width)  Supplier Device Package 16-SOIC  Approvals -	Technology	Magnetic Coupling
Common Mode Transient Immunity (Min)  Propagation Delay tpLH / tpHL (Max)  66ns, 66ns  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  16ns, 16ns  Current - Output High, Low  - Current - Peak Output  4A  Voltage - Forward (Vf) (Typ)  - Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  40° C ~ 125° C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -  100kV/µs  66ns, 66ns  -  100kS/µs  60ns, 66ns  -  10ns  10ns	Number of Channels	1
Propagation Delay tpLH / tpHL (Max)  Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  16ns, 16ns  Current - Output High, Low  - Current - Peak Output  Voltage - Forward (Vf) (Typ)  - Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -  66ns, 66ns  -  66ns, 66ns  66ns  66ns, 6ns  66ns	Voltage - Isolation	5000Vrms
Pulse Width Distortion (Max)  Rise / Fall Time (Typ)  16ns, 16ns  Current - Output High, Low  - Current - Peak Output  Voltage - Forward (Vf) (Typ)  - Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -  16ns, 16ns  -  16	Common Mode Transient Immunity (Min)	100kV/μs
Rise / Fall Time (Typ)  Current - Output High, Low  - Current - Peak Output  Voltage - Forward (Vf) (Typ)  - Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -  16ns, 16ns  -  16ns, 16ns	Propagation Delay tpLH / tpHL (Max)	66ns, 66ns
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Voltage - Forward (Vf) (Typ)  Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -	Current - Output High, Low	-
Current - DC Forward (If) (Max)  Voltage - Supply  12 V ~ 30 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -	Current - Peak Output	4A
Voltage - Supply  12 V ~ 30 V  Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -	Voltage - Forward (Vf) (Typ)	-
Operating Temperature  -40°C ~ 125°C  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.295", 7.50mm Width)  Supplier Device Package  Approvals  -  -  -  -  -  -  -  -  -  -  -  -  -	Current - DC Forward (If) (Max)	-
Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC Approvals -	Voltage - Supply	12 V ~ 30 V
Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC Approvals -	Operating Temperature	-40°C ~ 125°C
Supplier Device Package 16-SOIC Approvals -	Mounting Type	Surface Mount
Approvals -	Package / Case	16-SOIC (0.295", 7.50mm Width)
	Supplier Device Package	16-SOIC
Report errors?	Approvals	-
Report Chois:		Report errors?

#### **ADUM4135BRWZ-RL 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.

### **ADUM4135BRWZ-RL Payment Methods**



















# ADUM4135BRWZ-RL Shipping Methods













If you have any question about ADUM4135BRWZ-RL, please do not hesitate to contact us!

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