



Image may be representation.
See specifications for product details.



ADUM4138WBRNZ-RL

Manufacturer Part Number	ADUM4138WBRNZ-RL
Manufacturer	Analog Devices, Inc.
Allelco Part Number	32D-ADUM4138WBRNZ-RL
ECAD Model	Request Free CAD Models
Parts Description	ISO IGBT GATE DRIVERW/FLYBACK CO
Package	28-BSSOP (0.295", 7.50mm Width)
Data sheet	ADuM4138.pdf
RoHs Status	ROHS3 Compliant

Get a Quote

ADUM4138WBRNZ-RL - Analog Devices Inc..New Original in Stock. Download Linear Technology ADUM4138WBRNZ-RL datasheet/specifications on AllelcoElec.com.
Request a quote for ADUM4138WBRNZ-RL, please send us email: info@allelco.com

Specifications

ADUM4138WBRNZ-RL Tech Specifications
ADUM4138WBRNZ-RL - Analog Devices Inc. technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Analog Devices, Inc.	Package / Case	28-BSSOP (0.295", 7.50mm Width)
Voltage - Output Supply	12V ~ 25V	Package	Tape & Reel (TR)
Voltage - Isolation	5000Vrms	Operating Temperature	-40°C ~ 150°C
Voltage - Forward (Vf) (Typ)	-	Number of Channels	1
Technology	Magnetic Coupling	Mounting Type	Surface Mount
Supplier Device Package	28-SOIC-W-FP	Current - Peak Output	6A
Series	Automotive	Current - Output High, Low	-
Rise / Fall Time (Typ)	95ns, 100ns	Common Mode Transient Immunity (Min)	150kV/μs
Pulse Width Distortion (Max)	-	Base Product Number	ADUM4138
Propagation Delay tPLH / tPHL (Max)	130ns, 121ns	Approval Agency	CSA, UL, VDE

Parts with Similar Specifications

The three parts on the right have similar specifications to Analog Devices Inc. ADUM4138WBRNZ-RL

Product Attribute				
Part Number	ADUM4138WBRNZ-RL	ADUM4135BRWZ-RL	ADUM4135BRWZ	ADUM4137WBRNZ
Manufacturer	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.	Analog Devices Inc.
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tube	Tube
Pulse Width Distortion (Max)	-	-	-	70ns (Min)
Current - Output High, Low	-	-	-	-
Series	Automotive	iCoupler®	iCoupler®	Automotive, AEC-Q100
Rise / Fall Time (Typ)	95ns, 100ns	16ns, 16ns	16ns, 16ns	105ns, 107ns
Voltage - Forward (Vf) (Typ)	-	-	-	-
Base Product Number	ADUM4138	ADUM4135	ADUM4135	ADUM4137
Operating Temperature	-40°C ~ 150°C	-40°C ~ 125°C	-40°C ~ 125°C	-40°C ~ 150°C
Package / Case	28-BSSOP (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	16-SOIC (0.295", 7.50mm Width)	28-BSSOP (0.295", 7.50mm Width)
Technology	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling	Magnetic Coupling
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Approval Agency	CSA, UL, VDE	-	-	CSA, UR, VDE
Current - Peak Output	6A	4A	4A	6A
Propagation Delay tPLH / tPHL (Max)	130ns, 121ns	66ns, 66ns	66ns, 66ns	131ns, 137ns
Voltage - Output Supply	12V ~ 25V	12V ~ 30V	12V ~ 30V	12V ~ 25V
Supplier Device Package	28-SOIC-W-FP	16-SOIC	16-SOIC	28-SOIC-W-FP
Number of Channels	1	1	1	1
Common Mode Transient Immunity (Min)	150kV/μs	100kV/μs	100kV/μs	150kV/μs
Voltage - Isolation	5000Vrms	5000Vrms	5000Vrms	5000Vrms

ADUM4138WBRNZ-RL Datasheet PDF

Download ADUM4138WBRNZ-RL pdf datasheets and Analog Devices Inc. documentation for ADUM4138WBRNZ-RL - Analog Devices Inc..

Datasheets

ADuM4138.pdf

Customers Also Interested in

Recommended Products

**ADUM4190ARIZ-RL**Analog Devices Inc.
IC ISOLATOR 16SOIC**ADUM4150BRIZ-RL**Analog Devices Inc.
DGT ISOL 5000VRMS 6CH SPI
20SOIC**ADUM4135BRWZ-RL**Analog Devices Inc.
DGTL ISO 5KV 1CH GATE DVR
16SOIC**ADUM4190ARIZ**Analog Devices Inc.
IC ISOLATOR 16SOIC**ADUM3481BRSZ**Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP
20SSOP**ADUM4070ARIZ**Analog Devices Inc.
IC REG PSH-PULL ADJ 350MA
16SOIC**ADUM3481BRSZ-RL7**Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP
20SSOP**ADUM4135BRWZ**Analog Devices Inc.
DGTL ISO 5KV 1CH GATE DVR
16SOIC**ADUM4190SRIZ**Analog Devices Inc.
IC ISOLATOR 16SOIC**ADUM3482BRSZ-RL7**Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP
20SSOP**ADUM4137WBRNZ**Analog Devices Inc.
6A AUTOMOTIVE ISOLATED GATE
DRIV**ADUM4138WBRNZ**Analog Devices Inc.
ISO IGBT GATE DRIVER/FLYBACK
CO**ADUM4190SRIZ-RL**Analog Devices Inc.
IC ISOLATOR 16SOIC**ADUM3482ARSZ-RL7**Analog Devices Inc.
DGTL ISO 3750VRMS 4CH GP
20SSOP**ADUM4221ARIZ-RL**Analog Devices Inc.
ISO 1/2 BRIDGE DRV W/DEADTIME
UV**ADUM4160BRWZ-RL**Analog Devices Inc.
DGT ISOL 5000VRMS 2CH USB
16SOIC**ADUM4160BRWZ**Analog Devices Inc.
DGT ISOL 5000VRMS 2CH USB
16SOIC**ADUM4151ARIZ-RL**Analog Devices Inc.
DGT ISOL 5000VRMS 7CH SPI
20SOIC

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference		
Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference	
Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.

Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:
Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone
+00852 9146 4856



Email
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Certifications & Memberships



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