



### **RT7021AGS Information**



For Reference Only

Part Number RT7021AGS

Manufacturer Richtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - Gate Drivers

**Description** IC HI/LO-SIDE MOSFET DRVR SOP8

Package 8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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# **RT7021AGS Specifications**

Manufacturer Part Number         RT7021AGS           Manufacturer         Richtek USA Inc.           Category         Integrated Circuits (ICs)           PACKAGE         8-SOIC (0.154", 3.90mm Width)           Series         -           Driven Configuration         Half-Bridge           Channel Type         Independent           Number of Drivers         2           Gate Type         IGBT, N-Channel MOSFET           Voltage - Supply         13 V ~ 20 V           Logic Voltage - VIL, VIH         0.8V, 2.5V           Current - Peak Output (Source, Sink)         290mA, 600mA           Input Type         Non-Inverting           High Side Voltage - Max (Bootstrap)         600V           Rise / Fall Time (Typ)         70ns, 35ns           Operating Temperature         -40°C ~ 150°C (TJ)           Mounting Type         Surface Mount           Package / Case         8-SOIC (0.154", 3.90mm Width)		
Category  Integrated Circuits (ICs)  PMIC - Gate Drivers  Package  8-SOIC (0.154", 3.90mm Width)  Series  - Driven Configuration  Half-Bridge  Channel Type  Independent  Number of Drivers  2  Gate Type  IGBT, N-Channel MOSFET  Voltage - Supply  13 V ~ 20 V  Logic Voltage - VIL, VIH  0.8V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  70ns, 35ns  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type	Manufacturer Part Number	RT7021AGS
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Gate Type  IGBT, N-Channel MOSFET  Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  70ns, 35ns  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  IGBT, N-Channel MOSFET  13 V ~ 20 V  0.8V, 2.5V  0.8V, 2.5V  Current - Peak Output (Source, Sink)  600WA  Non-Inverting  Follow C (TJ)  Surface Mount	Channel Type	Independent
Voltage - Supply  Logic Voltage - VIL, VIH  0.8V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount	Number of Drivers	2
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Input Type  Non-Inverting  High Side Voltage - Max (Bootstrap)  600V  Rise / Fall Time (Typ)  70ns, 35ns  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount	Logic Voltage - VIL, VIH	0.8V, 2.5V
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Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package 8-SOP	Supplier Device Package	8-SOP
Report errors?		Report errors?

### **RT7021AGS 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.

# **RT7021AGS Payment Methods**



















### **RT7021AGS Shipping Methods**













If you have any question about RT7021AGS, please do not hesitate to contact us!

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