



## **MA3J142AGL Information**

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For Reference Only

Part Number MA3J142AGL

Manufacturer Panasonic Electronic Components

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 80V 100MA SMINI3

Package SC-85

For the pricing/inventory/lead time, please contact

us

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



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## **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.









## **MA3J142AGL Specifications**

Manufacturer Part Number       MA3J142AGL         Manufacturer       Panasonic Electronic Components         Category       Discrete Semiconductor Products         Diodes - Rectifiers - Single         Package       SC-85         Series       -         Diode Type       Standard         Voltage - DC Reverse (Vr) (Max)       80V         Current - Average Rectified (Io)       100mA (DC)         Voltage - Forward (Vf) (Max) @ If       1.2V @ 100mA         Speed       Small Signal =< 200mA (Io), Any Speed         Reverse Recovery Time (trr)       3ns         Current - Reverse Leakage @ Vr       100nA @ 75V         Capacitance @ Vr, F       -         Mounting Type       Surface Mount         Package / Case       SC-85         Supplier Device Package       SMini3-F2         Operating Temperature - Junction       150°C (Max)		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  SC-85  Series  - Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  Diodes - Rectifiers - Single  Standard  100mA  80V  100mA (DC)  100mA (DC)  100mA	Manufacturer Part Number	MA3J142AGL
Package SC-85  Series - Colore Type Standard  Voltage - DC Reverse (Vr) (Max) 80V  Current - Average Rectified (Io) 100mA (DC)  Voltage - Forward (Vf) (Max) @ If 1.2V @ 100mA  Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 3ns  Current - Reverse Leakage @ Vr 100nA @ 75V  Capacitance @ Vr, F - Mounting Type Surface Mount  Package / Case SC-85  Supplier Device Package Operating Temperature - Junction 150°C (Max)	Manufacturer	Panasonic Electronic Components
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Diode Type  Standard  Voltage - DC Reverse (Vr) (Max)  80V  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  Operating Temperature - Junction  Standard  80V  1.2V @ 100mA  1.2V @ 100mA  5.2V @	Package	SC-85
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  80V  100mA (DC)  100mA  100mA  Small Signal =< 200mA  (Io), Any Speed  Small Signal =< 200mA  Small Signal =< 200mA	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  Operating Temperature - Junction  100mA (DC)  1.2V @ 100mA  1.2V @ 100mA  Small Signal =< 200mA (Io), Any Speed  Small Signal =< 200mA (Io),	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  Operating Temperature - Junction  1.2V @ 100mA  100nA @ 75V  100nA @	Voltage - DC Reverse (Vr) (Max)	80V
Speed Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr) 3ns  Current - Reverse Leakage @ Vr 100nA @ 75V  Capacitance @ Vr, F -  Mounting Type Surface Mount  Package / Case SC-85  Supplier Device Package SMini3-F2  Operating Temperature - Junction 150°C (Max)	Current - Average Rectified (Io)	100mA (DC)
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  100nA @ 75V  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  Operating Temperature - Junction  3ns  Current - Reverse Leakage @ Vr  100nA @ 75V	Voltage - Forward (Vf) (Max) @ If	1.2V @ 100mA
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Surface Mount  Package / Case  SC-85  Supplier Device Package  Operating Temperature - Junction  100nA @ 75V  -  Surface Mount  SC-85  SUpplier Device Package  SMini3-F2  150°C (Max)	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F  Mounting Type Surface Mount  Package / Case SC-85  Supplier Device Package SMini3-F2  Operating Temperature - Junction 150°C (Max)	Reverse Recovery Time (trr)	3ns
Mounting Type Surface Mount Package / Case SC-85 Supplier Device Package Smini3-F2 Operating Temperature - Junction 150°C (Max)	Current - Reverse Leakage @ Vr	100nA @ 75V
Package / Case SC-85 Supplier Device Package SMini3-F2 Operating Temperature - Junction 150°C (Max)	Capacitance @ Vr, F	-
Supplier Device Package SMini3-F2 Operating Temperature - Junction 150°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 150°C (Max)	Package / Case	SC-85
	Supplier Device Package	SMini3-F2
Report errors?	Operating Temperature - Junction	150°C (Max)
		Report errors?

#### **MA3J142AGL 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.

# **MA3J142AGL Payment Methods**





















### **MA3J142AGL Shipping Methods**













If you have any question about MA3J142AGL, please do not hesitate to contact us!

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