



### **MA27D3000L Information**

Part Number MA27D3000L

Manufacturer Panasonic Electronic Components Category Discrete Semiconductor Products Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 30V 100MA

Package 2-SMD, Flat Lead

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

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.









# **MA27D3000L Specifications**

Manufacturer Part NumberMA27D3000LManufacturerPanasonic Electronic ComponentsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackage2-SMD, Flat LeadSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)1nsCurrent - Reverse Leakage @ Vr2μA @ 30VCapacitance @ Vr, F9pF @ 0V, 1MHzMounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device PackageSSSMini2-F2Operating Temperature - Junction125°C (Max)		
Category  Discrete Semiconductor Products  Diodes - Rectifiers - Single  2-SMD, Flat Lead  Series  Diode Type  Schottky  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)  Ins  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  Supplier Device Package  Operating Temperature - Junction  Discrete Semiconductor Products  Diodes - Rectifiers - Single  2-SMD, Flat Lead  SSSMini2-F2  Operating Temperature - Junction	Manufacturer Part Number	MA27D3000L
Diodes - Rectifiers - SinglePackage2-SMD, Flat LeadSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer	Panasonic Electronic Components
Package2-SMD, Flat LeadSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Category	Discrete Semiconductor Products
Series-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Package	2-SMD, Flat Lead
Voltage - DC Reverse (Vr) (Max)30VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Series	-
Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  580mV @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  1ns  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  9pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-SMD, Flat Lead  Supplier Device Package  Operating Temperature - Junction  100mA  580mV @ 100mA  580	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If580mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Voltage - DC Reverse (Vr) (Max)	30V
SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)1nsCurrent - Reverse Leakage @ Vr2μA @ 30VCapacitance @ Vr, F9pF @ 0V, 1MHzMounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device PackageSSSMini2-F2Operating Temperature - Junction125°C (Max)	Current - Average Rectified (Io)	100mA
Reverse Recovery Time (trr)1nsCurrent - Reverse Leakage @ Vr2μA @ 30VCapacitance @ Vr, F9pF @ 0V, 1MHzMounting TypeSurface MountPackage / Case2-SMD, Flat LeadSupplier Device PackageSSSMini2-F2Operating Temperature - Junction125°C (Max)	Voltage - Forward (Vf) (Max) @ If	580mV @ 100mA
Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  9pF @ 0V, 1MHz  Mounting Type  Surface Mount  Package / Case  2-SMD, Flat Lead  Supplier Device Package  SSSMini2-F2  Operating Temperature - Junction  2µA @ 30V  2pF @ 0V, 1MHz  Surface Mount  125°C (Max)	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 9pF @ 0V, 1MHz  Mounting Type Surface Mount  Package / Case 2-SMD, Flat Lead  Supplier Device Package SSSMini2-F2  Operating Temperature - Junction 125°C (Max)	Reverse Recovery Time (trr)	1ns
Mounting Type Surface Mount Package / Case 2-SMD, Flat Lead Supplier Device Package SSSMini2-F2 Operating Temperature - Junction 125°C (Max)	Current - Reverse Leakage @ Vr	2μA @ 30V
Package / Case  2-SMD, Flat Lead  Supplier Device Package  SSSMini2-F2  Operating Temperature - Junction  125°C (Max)	Capacitance @ Vr, F	9pF @ 0V, 1MHz
Supplier Device Package SSSMini2-F2 Operating Temperature - Junction 125°C (Max)	Mounting Type	Surface Mount
Operating Temperature - Junction 125°C (Max)	Package / Case	2-SMD, Flat Lead
	Supplier Device Package	SSSMini2-F2
Report errors?	Operating Temperature - Junction	125°C (Max)
		Report errors?

#### **MA27D3000L 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.

### **MA27D3000L Payment Methods**





















## **MA27D3000L Shipping Methods**













If you have any question about MA27D3000L, please do not hesitate to contact us!

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