

# **MA4ZD1400L**

### MA4ZD1400L Information



# **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.



# **MA4ZD1400L Specifications**

| ManufacturerPanasonic Electronic ComponentsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackage4-SMD, Flat LeadsSeries-Diode Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)3nsCurrent - Reverse Leakage @ Vr20µA @ 10VOperating Temperature - Junction125°C (Max)Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSinail-F1 |  |                                       |
|---|--|---------------------------------------|
| CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackage4-SMD, Flat LeadsSeries-Diode Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Manufacturer Part Number                     | MA4ZD1400L                            |
| Diddes - Rectifiers - ArraysPackage4-SMD, Flat LeadsSeries-Didde Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed   | Manufacturer                                 | Panasonic Electronic Components       |
| Package4-SMD, Flat LeadsSeries-Diode Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed   | Category                                     | Discrete Semiconductor Products       |
| Series-Diode Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed   |  | Diodes - Rectifiers - Arrays          |
| Diode Configuration2 IndependentDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Package                                      | 4-SMD, Flat Leads                     |
| Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Series                                       | -                                     |
| Voltage - DC Reverse (Vr) (Max)20VCurrent - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Diode Configuration                          | 2 Independent                         |
| Current - Average Rectified (Io) (per Diode)100mA (DC)Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Diode Type                                   | Schottky                              |
| Voltage - Forward (Vf) (Max) @ If400mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed  | Voltage - DC Reverse (Vr) (Max)              | 20V                                   |
| SpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)3nsCurrent - Reverse Leakage @ Vr20μA @ 10VOperating Temperature - Junction125°C (Max)Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSMini4-F1  | Current - Average Rectified (Io) (per Diode) | 100mA (DC)                            |
| Reverse Recovery Time (trr)3nsCurrent - Reverse Leakage @ Vr20μA @ 10VOperating Temperature - Junction125°C (Max)Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSMini4-F1  | Voltage - Forward (Vf) (Max) @ If            | 400mV @ 100mA                         |
| Current - Reverse Leakage @ Vr20μA @ 10VOperating Temperature - Junction125°C (Max)Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSMini4-F1  | Speed  | Small Signal =< 200mA (Io), Any Speed |
| Operating Temperature - Junction125°C (Max)Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSMini4-F1  | Reverse Recovery Time (trr)                  | 3ns                                   |
| Mounting TypeSurface MountPackage / Case4-SMD, Flat LeadsSupplier Device PackageSMini4-F1   | Current - Reverse Leakage @ Vr               | 20µA @ 10V                            |
| Package / Case 4-SMD, Flat Leads   Supplier Device Package SMini4-F1  | Operating Temperature - Junction             | 125°C (Max)                           |
| Supplier Device Package SMini4-F1   | Mounting Type                                | Surface Mount                         |
|   | Package / Case                               | 4-SMD, Flat Leads                     |
| Report errors?  | Supplier Device Package                      | SMini4-F1                             |
|   |  | Report errors?                        |

#### MA4ZD1400L 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 EVARANTEE

#### **Service Guarantees**

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

#### MA4ZD1400L Payment Methods



# MA4ZD1400L Shipping Methods



If you have any question about MA4ZD1400L, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com