



### 1N4247GP-M3/73 Information



For Reference Only

Part Number 1N4247GP-M3/73

Manufacturer Vishay Semiconductor Diodes Division

Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE GEN PURP 600V 1A DO204AL

Package DO-204AL, DO-41, Axial

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **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.









# 1N4247GP-M3/73 Specifications

| Manufacturer Part Number1N4247GP-M3/73ManufacturerVishay Semiconductor Diodes DivisionCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1μA @ 600VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, AxialSumplier Device PackageDO-204AL (DO-41)  |                                   |  |
|--|-----------------------------------|--|
| Category         Discrete Semiconductor Products           Diodes - Rectifiers - Single           Package         DO-204AL, DO-41, Axial           Series         SUPERECTIFIER?           Diode Type         Standard           Voltage - DC Reverse (Vr) (Max)         600V           Current - Average Rectified (Io)         1A           Voltage - Forward (Vf) (Max) @ If         1.2V @ 1A           Speed         Standard Recovery >500ns, > 200mA (Io)           Reverse Recovery Time (trr)         -           Current - Reverse Leakage @ Vr         1μA @ 600V           Capacitance @ Vr, F         8pF @ 4V, 1MHz           Mounting Type         Through Hole           Package / Case         DO-204AL, DO-41, Axial   | Manufacturer Part Number          | 1N4247GP-M3/73                         |
| Diodes - Rectifiers - SinglePackageDO-204AL, DO-41, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1μA @ 600VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, Axial  | Manufacturer                      | Vishay Semiconductor Diodes Division   |
| Package DO-204AL, DO-41, Axial Series SUPERECTIFIER?  Diode Type Standard  Voltage - DC Reverse (Vr) (Max) 600V  Current - Average Rectified (Io) 1A  Voltage - Forward (Vf) (Max) @ If 1.2V @ 1A  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr 1µA @ 600V  Capacitance @ Vr, F 8pF @ 4V, 1MHz  Mounting Type Through Hole  Package / Case DO-204AL, DO-41, Axial   | Category                          | Discrete Semiconductor Products        |
| SeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1μA @ 600VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, Axial   |                                   | Diodes - Rectifiers - Single           |
| Diode TypeStandardVoltage - DC Reverse (Vr) (Max)600VCurrent - Average Rectified (Io)1AVoltage - Forward (Vf) (Max) @ If1.2V @ 1ASpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1μA @ 600VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, Axial   | Package                           | DO-204AL, DO-41, Axial                 |
| Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  -  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  DO-204AL, DO-41, Axial  | Series                            | SUPERECTIFIER?                         |
| Current - Average Rectified (Io)  Voltage - Forward (Vf) (Max) @ If  1.2V @ 1A  Speed  Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  1µA @ 600V  Capacitance @ Vr, F  8pF @ 4V, 1MHz  Mounting Type  Through Hole  Package / Case  DO-204AL, DO-41, Axial   | Diode Type                        | Standard                               |
| Voltage - Forward (Vf) (Max) @ If  Speed Standard Recovery >500ns, > 200mA (Io)  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  Mounting Type  Package / Case  1.2V @ 1A  1. | Voltage - DC Reverse (Vr) (Max)   | 600V                                   |
| SpeedStandard Recovery >500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr1μA @ 600VCapacitance @ Vr, F8pF @ 4V, 1MHzMounting TypeThrough HolePackage / CaseDO-204AL, DO-41, Axial  | Current - Average Rectified (Io)  | 1A                                     |
| Reverse Recovery Time (trr)       -         Current - Reverse Leakage @ Vr       1μA @ 600V         Capacitance @ Vr, F       8pF @ 4V, 1MHz         Mounting Type       Through Hole         Package / Case       DO-204AL, DO-41, Axial  | Voltage - Forward (Vf) (Max) @ If | 1.2V @ 1A                              |
| Current - Reverse Leakage @ Vr   | Speed                             | Standard Recovery >500ns, > 200mA (Io) |
| Capacitance @ Vr, F 8pF @ 4V, 1MHz  Mounting Type Through Hole  Package / Case DO-204AL, DO-41, Axial  | Reverse Recovery Time (trr)       | -                                      |
| Mounting Type Through Hole Package / Case DO-204AL, DO-41, Axial   | Current - Reverse Leakage @ Vr    | 1μA @ 600V                             |
| Package / Case DO-204AL, DO-41, Axial  | Capacitance @ Vr, F               | 8pF @ 4V, 1MHz                         |
|  | Mounting Type                     | Through Hole                           |
| Supplier Device Package DO-204AL (DO-41)   | Package / Case                    | DO-204AL, DO-41, Axial                 |
| Supplier Device Luciage DO 2047ED (DO 41)  | Supplier Device Package           | DO-204AL (DO-41)                       |
| Operating Temperature - Junction $-65^{\circ}\text{C} \sim 160^{\circ}\text{C}$  | Operating Temperature - Junction  | -65°C ~ 160°C                          |
| Report errors?   |                                   | Report errors?                         |

### 1N4247GP-M3/73 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.

## 1N4247GP-M3/73 Payment Methods



















# 1N4247GP-M3/73 Shipping Methods













If you have any question about 1N4247GP-M3/73, please do not hesitate to contact us!

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