

# RGP30K-E3/73

a Quote

### **RGP30K-E3/73 Information**

	Part Number	RGP30K-E3/73	
	Manufacturer	Vishay Semiconductor Diodes Division	미분
www.helseney.com	Category	Discrete Semiconductor Products Diodes - Rectifiers - Single	_ &∄-™
	Description	DIODE GEN PURP 800V 3A DO201AD	65.5
	Package	DO-201AD, Axial	- HAKS
		For the pricing/inventory/lead time, please contact us	
For Reference Only		Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a

# **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.



## **RGP30K-E3/73** Specifications

Manufacturer Part Number RGP30K-E3/73   Manufacturer Vishay Semiconductor Diodes Division   Category Discrete Semiconductor Products   Diodes - Rectifiers - Single Diodes - Rectifiers - Single   Package DO-201AD, Axial   Series SUPERECTIFIER?   Diode Type Standard   Voltage - DC Reverse (Vr) (Max) 800V   Current - Average Rectified (Io) 3A   Voltage - Forward (Vf) (Max) @ If 1.3V @ 3A   Speed Fast Recovery =< 500ns, > 200mA (Io)   Reverse Recovery Time (trr) 500ns   Current - Reverse Leakage @ Vr 5µA @ 800V   Capacitance @ Vr, F -   Mounting Type Through Hole   Package / Case DO-201AD, Axial   Supplier Device Package DO-201AD   Operating Temperature - Junction -65°C ~ 175°C		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201AD, AxialOperating Temperature - Junction-65°C ~ 175°C	Manufacturer Part Number	RGP30K-E3/73
Diodes - Rectifiers - SinglePackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Manufacturer	Vishay Semiconductor Diodes Division
PackageDO-201AD, AxialSeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Category	Discrete Semiconductor Products
SeriesSUPERECTIFIER?Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction65°C ~ 175°C		Diodes - Rectifiers - Single
Diode TypeStandardVoltage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Jo)3AVoltage - Forward (Vf) (Max) @ If1.3V @ 3ASpeedFast Recovery =< 500ns, > 200mA (Jo)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction65°C ~ 175°C	Package	DO-201AD, Axial
Notage - DC Reverse (Vr) (Max)800VCurrent - Average Rectified (Io) $3A$ Voltage - Forward (Vf) (Max) @ If $1.3V @ 3A$ SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $5\mu A @ 800V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction $-65°C ~ 175°C$	Series	SUPERECTIFIER?
Current - Average Rectified (Io) $3A$ Voltage - Forward (Vf) (Max) @ If $1.3V @ 3A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $5\mu A @ 800V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction $-65^\circ C \sim 175^\circ C$	Diode Type	Standard
Voltage - Forward (Vf) (Max) @ If $1.3V @ 3A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr) $500ns$ Current - Reverse Leakage @ Vr $5\muA @ 800V$ Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction $-65^\circ$ C ~ $175^\circ$ C	Voltage - DC Reverse (Vr) (Max)	800V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Current - Average Rectified (Io)	3A
Reverse Recovery Time (trr)500nsCurrent - Reverse Leakage @ Vr5µA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Voltage - Forward (Vf) (Max) @ If	1.3V @ 3A
Current - Reverse Leakage @ Vr5μA @ 800VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Reverse Recovery Time (trr)	500ns
Mounting TypeThrough HolePackage / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Current - Reverse Leakage @ Vr	5µA @ 800V
Package / CaseDO-201AD, AxialSupplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Capacitance @ Vr, F	-
Supplier Device PackageDO-201ADOperating Temperature - Junction-65°C ~ 175°C	Mounting Type	Through Hole
Operating Temperature - Junction $-65^{\circ}C \sim 175^{\circ}C$	Package / Case	DO-201AD, Axial
	Supplier Device Package	DO-201AD
Report errors?	Operating Temperature - Junction	-65°C ~ 175°C
		Report errors

#### **RGP30K-E3/73** 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

#### **Service Guarantees**

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

# **RGP30K-E3/73 Payment Methods**





If you have any question about RGP30K-E3/73, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com