



IDP12E120XKSA1 Information



For Reference Only

Part Number IDP12E120XKSA1

Manufacturer Infineon Technologies

Category Discrete Semiconductor Products

Diodes - Rectifiers - Single

Description DIODE GEN PURP 1.2KV 28A TO220-2

Package TO-220-2

For the pricing/inventory/lead time, please contact

us

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



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IDP12E120XKSA1 Specifications

Manufacturer Part Number Manufacturer Infineon Technologies Category Discrete Semiconductor Products Diodes - Rectifiers - Single Package TO-220-2 Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1200V Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If 2.15V @ 12A Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 150ns Current - Reverse Leakage @ Vr 100µA @ 1200V Capacitance @ Vr, F Mounting Type Through Hole Package / Case Supplier Device Package Operating Temperature - Junction Diodes - Rectifiers - Single TO-220-2 Report errors?		
Category Discrete Semiconductor Products Diodes - Rectifiers - Single TO-220-2 Series - Diode Type Standard Voltage - DC Reverse (Vr) (Max) 1200V Current - Average Rectified (Io) Voltage - Forward (Vf) (Max) @ If Speed Fast Recovery =< 500ns, > 200mA (Io) Reverse Recovery Time (trr) 150ns Current - Reverse Leakage @ Vr 100µA @ 1200V Capacitance @ Vr, F Mounting Type Through Hole Package / Case Supplier Device Package Operating Temperature - Junction Discrete Semiconductor Products Diodes - Rectifiers - Single To-220-2 Supole To-220-2 To-220-2 To-210-2 To-210-2	Manufacturer Part Number	IDP12E120XKSA1
Diodes - Rectifiers - SinglePackageTO-220-2Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)28A (DC)Voltage - Forward (Vf) (Max) @ If2.15V @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackagePG-TO220-2Operating Temperature - Junction-55°C ~ 150°C	Manufacturer	Infineon Technologies
PackageTO-220-2Series-Diode TypeStandardVoltage - DC Reverse (Vr) (Max)1200VCurrent - Average Rectified (Io)28A (DC)Voltage - Forward (Vf) (Max) @ If2.15 V @ 12ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)150nsCurrent - Reverse Leakage @ Vr100μA @ 1200VCapacitance @ Vr, F-Mounting TypeThrough HolePackage / CaseTO-220-2Supplier Device PackagePG-TO220-2Operating Temperature - Junction-55°C ~ 150°C	Category	Discrete Semiconductor Products
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Current - Reverse Leakage @ Vr Capacitance @ Vr, F Mounting Type Through Hole Package / Case TO-220-2 Supplier Device Package Operating Temperature - Junction 100μA @ 1200V - Through Hole TO-220-2 - 55°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
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Package / Case TO-220-2 Supplier Device Package PG-TO220-2 Operating Temperature - Junction -55°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device Package PG-TO220-2 Operating Temperature - Junction -55°C ~ 150°C	Mounting Type	Through Hole
Operating Temperature - Junction -55°C ~ 150°C	Package / Case	TO-220-2
	Supplier Device Package	PG-TO220-2
Report errors?	Operating Temperature - Junction	-55°C ~ 150°C
		Report errors?

IDP12E120XKSA1 Guarantees



Ouality 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.

IDP12E120XKSA1 Payment Methods



















IDP12E120XKSA1 Shipping Methods













If you have any question about IDP12E120XKSA1, please do not hesitate to contact us!

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