

# STPS30L120CFP

# STPS30L120CFP Information

	Part Number	STPS30L120CFP
	Manufacturer	STMicroelectronics
www.heisenen.com	Category	Discrete Semiconductor Products Diodes - Rectifiers - Arrays
	Description	DIODE ARRAY SCHOTTKY 120V TO220F
	Package	TO-220-3 Full Pack
		For the pricing/inventory/lead time, please contact us
For Reference Only		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.



# STPS30L120CFP Specifications

ManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - ArraysPackageTO-220-3 Full PackSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full Pack		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - ArraysPackageTO-220-3 Full PackSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Manufacturer Part Number	STPS30L120CFP
Diodes - Rectifiers - ArraysPackageTO-220-3 Full PackSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-F Full PackSupplier Device PackageTO-220FP	Manufacturer	STMicroelectronics
PackageTO-220-3 Full PackSeries-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Category	Discrete Semiconductor Products
Series-Series-Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery = < 500ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP		Diodes - Rectifiers - Arrays
Diode Configuration1 Pair Common CathodeDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Package	TO-220-3 Full Pack
Diode TypeSchottkyDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Series	-
Voltage - DC Reverse (Vr) (Max)120VCurrent - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Diode Configuration	1 Pair Common Cathode
Current - Average Rectified (Io) (per Diode)15AVoltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If880mV @ 15ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Voltage - DC Reverse (Vr) (Max)	120V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Current - Average Rectified (Io) (per Diode)	15A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr200μA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Voltage - Forward (Vf) (Max) @ If	880mV @ 15A
Current - Reverse Leakage @ Vr200µA @ 120VOperating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Operating Temperature - Junction150°C (Max)Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Reverse Recovery Time (trr)	-
Mounting TypeThrough HolePackage / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Current - Reverse Leakage @ Vr	200µA @ 120V
Package / CaseTO-220-3 Full PackSupplier Device PackageTO-220FP	Operating Temperature - Junction	150°C (Max)
Supplier Device Package TO-220FP	Mounting Type	Through Hole
	Package / Case	TO-220-3 Full Pack
Report errors?	Supplier Device Package	TO-220FP
		Report errors?

#### STPS30L120CFP 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 BUARANTEE

#### **Service Guarantees**

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

## STPS30L120CFP Payment Methods



## STPS30L120CFP Shipping Methods



If you have any question about STPS30L120CFP, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com