

# STPS2L60AY

### **STPS2L60AY Information**

www.harmer.com	Part Number Manufacturer Category Description Package	STPS2L60AY STMicroelectronics Discrete Semiconductor Products Diodes - Rectifiers - Single DIODE SCHOTTKY 60V 2A SMA DO-214AC, SMA For the pricing/inventory/lead time, please contact	
For Reference Only		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.



# **STPS2L60AY Specifications**

Manufacturer Part NumberSTPS2L60AYManufacturerSTMicroelectronicsCategoryDiscrete Semiconductor ProductsDides - Rectifiers - SingleDiodes - Rectifiers - SinglePackageDO-214AC, SMASeriesQ AutomotiveDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2ASpeedFast Recovery = S00ms, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C		
CategoryDiscrete Semiconductor ProductsCategoryDiodes - Rectifiers - SinglePackageDO-214AC, SMASeriesQ AutonotiveDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Manufacturer Part Number	STPS2L60AY
Diodes - Rectifiers - SinglePackageDO-214AC, SMASeriesQ AutomotiveDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Manufacturer	STMicroelectronics
PackageDO-214AC, SMASeriesQ AutomotiveDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction40°C ~ 150°C	Category	Discrete Semiconductor Products
SeriesQ AutomotiveSeriesQ AutomotiveDiode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery = < 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100 $\mu$ A @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C		Diodes - Rectifiers - Single
Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)60VCurrent - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, FSurface MountPackage / CaseDo-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Package	DO-214AC, SMA
Voltage - DC Reverse (Vr) (Max) $60V$ Current - Average Rectified (Io) $2A$ Voltage - Forward (Vf) (Max) @ If $600mV @ 2A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $100\muA @ 60V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$	Series	Q Automotive
Current - Average Rectified (Io)2AVoltage - Forward (Vf) (Max) @ If600mV @ 2ASpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $600mV @ 2A$ SpeedFast Recovery =< $500ns$ , > $200mA$ (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr $100\muA @ 60V$ Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction $40^\circ$ C ~ $150^\circ$ C	Voltage - DC Reverse (Vr) (Max)	60V
SpeedFast Recovery =< 500ns, > 200mA (Io)Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Current - Average Rectified (Io)	2A
Reverse Recovery Time (trr)-Current - Reverse Leakage @ Vr100µA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Voltage - Forward (Vf) (Max) @ If	600mV @ 2A
Current - Reverse Leakage @ Vr100μA @ 60VCapacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Speed	Fast Recovery =< 500ns, > 200mA (Io)
Capacitance @ Vr, F-Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Reverse Recovery Time (trr)	-
Mounting TypeSurface MountPackage / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Current - Reverse Leakage @ Vr	100µA @ 60V
Package / CaseDO-214AC, SMASupplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Capacitance @ Vr, F	-
Supplier Device PackageSMAOperating Temperature - Junction-40°C ~ 150°C	Mounting Type	Surface Mount
Operating Temperature - Junction $-40^{\circ}C \sim 150^{\circ}C$	Package / Case	DO-214AC, SMA
	Supplier Device Package	SMA
Report err	Operating Temperature - Junction	$-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$
Report of		Report errors?

#### **STPS2L60AY 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 EUARANTEE

#### **Service Guarantees**

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

#### **STPS2L60AY Payment Methods**



# **STPS2L60AY Shipping Methods**



If you have any question about STPS2L60AY, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com