



# **1SS417CT,L3F Information**



For Reference Only

Part Number 1SS417CT,L3F

Manufacturer Toshiba Semiconductor and Storage
Category Discrete Semiconductor Products
Diodes - Rectifiers - Single

**Description** DIODE SCHOTTKY 40V 100MA FSC

Package 2-SMD, Flat Lead

For the pricing/inventory/lead time, please contact

us

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



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### **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.









# **1SS417CT,L3F Specifications**

Manufacturer Part Number18S417CT,L3FManufacturerToshiba Semiconductor and StorageCategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackage2-SMD, Flat LeadSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If620mV @ 100mASpeedSmall Signal =< 200mA (Io), Any SpeedReverse Recovery Time (trr)-Current - Reverse Leakage @ Vr5μA @ 40VCapacitance @ Vr, F15pF @ 0V, 1MHzMounting TypeSurface Mount		
CategoryDiscrete Semiconductor ProductsDiodes - Rectifiers - SinglePackage2-SMD, Flat LeadSeries-Diode TypeSchottkyVoltage - DC Reverse (Vr) (Max)40VCurrent - Average Rectified (Io)100mAVoltage - Forward (Vf) (Max) @ If620mV @ 100mASpeedSmall Signal =< 200mA (Io), Any Speed	Manufacturer Part Number	1SS417CT,L3F
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$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		Diodes - Rectifiers - Single
$\begin{array}{llllllllllllllllllllllllllllllllllll$	Package	2-SMD, Flat Lead
Voltage - DC Reverse (Vr) (Max)  Current - Average Rectified (Io)  100mA  Voltage - Forward (Vf) (Max) @ If  620mV @ 100mA  Speed  Small Signal =< 200mA (Io), Any Speed  Reverse Recovery Time (trr)  - Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  15pF @ 0V, 1MHz	Series	-
Current - Average Rectified (Io) 100mA   Voltage - Forward (Vf) (Max) @ If 620mV @ 100mA   Speed Small Signal =< 200mA (Io), Any Speed   Reverse Recovery Time (trr) -  Current - Reverse Leakage @ Vr	Diode Type	Schottky
Voltage - Forward (Vf) (Max) @ If $620mV @ 100mA$ Speed $Small Signal =< 200mA (Io), Any Speed$ Reverse Recovery Time (trr) $-$ Current - Reverse Leakage @ Vr $5\mu A @ 40V$ Capacitance @ Vr, F $15pF @ 0V, 1MHz$	Voltage - DC Reverse (Vr) (Max)	40V
$\begin{array}{lll} \text{Speed} & \text{Small Signal} =< 200 \text{mA (Io), Any Speed} \\ \text{Reverse Recovery Time (trr)} & - \\ \text{Current - Reverse Leakage @ Vr} & 5 \mu \text{A @ 40V} \\ \text{Capacitance @ Vr, F} & 15 p \text{F @ 0V, 1MHz} \\ \end{array}$	Current - Average Rectified (Io)	100mA
Reverse Recovery Time (trr)  Current - Reverse Leakage @ Vr  Capacitance @ Vr, F  5µA @ 40V  15pF @ 0V, 1MHz	Voltage - Forward (Vf) (Max) @ If	620mV @ 100mA
Current - Reverse Leakage @ Vr 5µA @ 40V Capacitance @ Vr, F 15pF @ 0V, 1MHz	Speed	Small Signal =< 200mA (Io), Any Speed
Capacitance @ Vr, F 15pF @ 0V, 1MHz	Reverse Recovery Time (trr)	-
	Current - Reverse Leakage @ Vr	5μA @ 40V
Mounting Type Surface Mount	Capacitance @ Vr, F	15pF @ 0V, 1MHz
	Mounting Type	Surface Mount
Package / Case 2-SMD, Flat Lead	Package / Case	2-SMD, Flat Lead
Supplier Device Package fSC	Supplier Device Package	fSC
Operating Temperature - Junction 125°C (Max)	Operating Temperature - Junction	125°C (Max)
Report errors?		Report errors?

### **1SS417CT,L3F 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.

### 1SS417CT,L3F Payment Methods



















## **1SS417CT,L3F Shipping Methods**













If you have any question about 1SS417CT,L3F, please do not hesitate to contact us!

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