



SSM3J133TU,LF Information



For Reference Only

Part Number SSM3J133TU,LF

Manufacturer Toshiba Semiconductor and Storage

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 20V 5.5A

Package 3-SMD, Flat Leads

For the pricing/inventory/lead time, please contact

us

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



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SSM3J133TU,LF Specifications

Manufacturer Part Number SSM3J13TU,LF Manufacturer Toshiba Semiconductor and Storage Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 3-SMD, Flat Leads Series U-MOSVI FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) EV Vgs (Max) EV Vgs (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single 3-SMD, Flat Leads Series U-MOSVI FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id Iv @ ImA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 480pF @ 10V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature Mounting Type Surface Mount Supplier Device Package UFM Package / Case J-SMD, Flat Leads	Manufacturer Part Number	SSM3J133TU,LF
Package 3-SMD, Flat Leads Series U-MOSVI FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Manufacturer	Toshiba Semiconductor and Storage
Package3-SMD, Flat LeadsSeriesU-MOSVIFET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C5.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 1mAGate Charge (Qg) (Max) @ Vgs12.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds840pF @ 10VVgs (Max)±8VFET Feature-Power Dissipation (Max)500mW (Ta)Rds On (Max) @ Id, Vgs29.8 mOhm @ 3A, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUFMPackage / Case3-SMD, Flat Leads	Category	Discrete Semiconductor Products
SeriesU-MOSVIFET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)20VCurrent - Continuous Drain (Id) @ 25°C5.5A (Ta)Drive Voltage (Max Rds On, Min Rds On)1.5V, 4.5VVgs(th) (Max) @ Id1V @ 1mAGate Charge (Qg) (Max) @ Vgs12.8nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds840pF @ 10VVgs (Max)±8VFET Feature-Power Dissipation (Max)500mW (Ta)Rds On (Max) @ Id, Vgs29.8 mOhm @ 3A, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUFMPackage / Case3-SMD, Flat Leads		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 20V Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id IV @ ImA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Package	3-SMD, Flat Leads
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 4840pF @ 10V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 0perating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Series	U-MOSVI
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5.5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 20V 5.5A (Ta) 5.5A (FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 1.5V, 4.5V Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) **E8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 5.5A (Ta) 6.5C (TJ) 6.5	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 1V @ 1mA Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 1.5V, 4.5V 1nm 1.5V, 4.5V 1nm 1.5V, 4.5V 1nm 1.5V, 4.5V 1nm 1.5V, 4.5V 1.5W 1.SW 1.S	Drain to Source Voltage (Vdss)	20V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 12.8nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 3-SMD, Flat Leads	Current - Continuous Drain (Id) @ 25°C	5.5A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 840pF @ 10V Vgs (Max) ±8V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 12.8nC @ 4.5V 840pF @ 10V 248V 500mW (Ta) 500mW (Ta) 500mW (Ta) 500mW (Ta) 29.8 mOhm @ 3A, 4.5V 150°C (TJ) Surface Mount	Drive Voltage (Max Rds On, Min Rds On)	1.5V, 4.5V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 840pF @ 10V 840pF	Vgs(th) (Max) @ Id	1V @ 1mA
Vgs (Max) ±8V FET Feature - Power Dissipation (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Gate Charge (Qg) (Max) @ Vgs	12.8nC @ 4.5V
FET Feature - Power Dissipation (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Input Capacitance (Ciss) (Max) @ Vds	840pF @ 10V
Power Dissipation (Max) 500mW (Ta) Rds On (Max) @ Id, Vgs 29.8 mOhm @ 3A, 4.5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Vgs (Max)	±8V
Rds On (Max) @ Id, Vgs29.8 mOhm @ 3A, 4.5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageUFMPackage / Case3-SMD, Flat Leads	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Power Dissipation (Max)	500mW (Ta)
Mounting Type Surface Mount Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Rds On (Max) @ Id, Vgs	29.8 mOhm @ 3A, 4.5V
Supplier Device Package UFM Package / Case 3-SMD, Flat Leads	Operating Temperature	150°C (TJ)
Package / Case 3-SMD, Flat Leads	Mounting Type	Surface Mount
	Supplier Device Package	UFM
Report errors?	Package / Case	3-SMD, Flat Leads
		Report errors?

SSM3J133TU,LF 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.

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SSM3J133TU,LF Shipping Methods













If you have any question about SSM3J133TU,LF, please do not hesitate to contact us!

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