

### 2SK306400L Information



For Reference Only

Part Number 2SK306400L

ManufacturerPanasonic Electronic ComponentsCategoryDiscrete Semiconductor Products<br/>Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 30V .1A S-MINI-3P

Package SC-70, SOT-323

For the pricing/inventory/lead time, please contact

us

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



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# 2SK306400L Specifications

Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single  Package SC-70, SOT-323  Series - FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 100mA (Ta)  Drive Voltage (Max Rds On, Min Rds On) 5V Vgs(th) (Max) @ Id Qate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds  - Vgs (Max)  ### 20V  ### 20V  ### 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TI)  Mounting Type Surface Mount		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         SC-70, SOT-323           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         100mA (Ta)           Drive Voltage (Max Rds On, Min Rds On)         5V           Vgs(th) (Max) @ Id         2V @ 1μA           Gate Charge (Qg) (Max) @ Vgs         -           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         150mW (Ta)           Rds On (Max) @ Id, Vgs         50 Ohm @ 10mA, 5V           Operating Temperature         150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SMini3-G1           Package / Case         SC-70, SOT-323	Manufacturer Part Number	2SK306400L
Package         SC-70, SOT-323           Series         -           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         30V           Current - Continuous Drain (Id) @ 25°C         100mA (Ta)           Drive Voltage (Max Rds On, Min Rds On)         5V           Vgs(th) (Max) @ Id         2V @ 1μA           Gate Charge (Qg) (Max) @ Vgs         -           Input Capacitance (Ciss) (Max) @ Vds         -           Vgs (Max)         ±20V           FET Feature         -           Power Dissipation (Max)         150mW (Ta)           Rds On (Max) @ Id, Vgs         50 Ohm @ 10mA, 5V           Operating Temperature         150°C (TJ)           Mounting Type         Surface Mount           Supplier Device Package         SMini3-G1           Package / Case         SC-70, SOT-323	Manufacturer	Panasonic Electronic Components
Package SC-70, SOT-323  Series - FET Type N-Channel Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) 30V  Current - Continuous Drain (Id) @ 25°C 100mA (Ta)  Drive Voltage (Max Rds On, Min Rds On) 5V  Vgs(th) (Max) @ Id 2V @ 1µA  Gate Charge (Qg) (Max) @ Vgs -  Input Capacitance (Ciss) (Max) @ Vds -   Vgs (Max) ±20V  FET Feature - Power Dissipation (Max) 150mW (Ta)  Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SMini3-G1  Package / Case SC-70, SOT-323	Category	Discrete Semiconductor Products
Series - Channel PET Type N-Channel Technology MOSFET (Metal Oxide) Torin to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 100mA (Ta) Drive Voltage (Max Rds On, Min Rds On) 5V Vgs(th) (Max) @ Id 2V @ 1µA Gate Charge (Qg) (Max) @ Vgs - Channel Ciss) (Max) @ Vds - Channel Ciss) (Max) (Max) @ Vds - Channel Ciss) (Max) (Max) @ Vds - Channel Ciss) (Max)		Transistors - FETs, MOSFETs - Single
FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C100mA (Ta)Drive Voltage (Max Rds On, Min Rds On)5VVgs(th) (Max) @ Id2V @ 1μAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds-Vgs (Max)±20VFET Feature-Power Dissipation (Max)150mW (Ta)Rds On (Max) @ Id, Vgs50 Ohm @ 10mA, 5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSMini3-G1Package / CaseSC-70, SOT-323	Package	SC-70, SOT-323
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 100mA (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Curent - Continuous Drain (Id) @ 25°C 100mA (Ta)  SV Vgs(th) (Max) @ Id 2V @ 1μA  Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  E20V FET Feature - Power Dissipation (Max) 150mW (Ta)  Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TJ)  Mounting Type Surface Mount Supplier Device Package SC-70, SOT-323	Series	-
Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C  Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  100mA (Ta)  2V @ 1µA	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 100mA (Ta)  Drive Voltage (Max Rds On, Min Rds On) 5V  Vgs(th) (Max) @ Id 2V @ 1µA  Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds -  Vgs (Max) ±20V  FET Feature - Power Dissipation (Max) 150mW (Ta)  Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SMini3-G1  Package / Case SC-70, SOT-323	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On)  Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  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  SC-70, SOT-323	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  +20V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SC-70, SOT-323	Current - Continuous Drain (Id) @ 25°C	100mA (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  SC-70, SOT-323	Drive Voltage (Max Rds On, Min Rds On)	5V
Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 150mW (Ta)  Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SMini3-G1  Package / Case SC-70, SOT-323	Vgs(th) (Max) @ Id	2V @ 1μA
Vgs (Max) ±20V  FET Feature -  Power Dissipation (Max) 150mW (Ta)  Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V  Operating Temperature 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SMini3-G1  Package / Case SC-70, SOT-323	Gate Charge (Qg) (Max) @ Vgs	-
FET Feature - Power Dissipation (Max) 150mW (Ta) Rds On (Max) @ Id, Vgs 50 Ohm @ 10mA, 5V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package SMini3-G1 Package / Case SC-70, SOT-323	Input Capacitance (Ciss) (Max) @ Vds	-
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  50 Ohm @ 10mA, 5V  Operating Temperature  150°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  SMini3-G1  Package / Case  SC-70, SOT-323	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs50 Ohm @ 10mA, 5VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageSMini3-G1Package / CaseSC-70, SOT-323	FET Feature	-
Operating Temperature 150°C (TJ)  Mounting Type Surface Mount  Supplier Device Package SMini3-G1  Package / Case SC-70, SOT-323	Power Dissipation (Max)	150mW (Ta)
Mounting Type Surface Mount Supplier Device Package SMini3-G1 Package / Case SC-70, SOT-323	Rds On (Max) @ Id, Vgs	50 Ohm @ 10mA, 5V
Supplier Device Package SMini3-G1 Package / Case SC-70, SOT-323	Operating Temperature	150°C (TJ)
Package / Case SC-70, SOT-323	Mounting Type	Surface Mount
	Supplier Device Package	SMini3-G1
Report errors?	Package / Case	SC-70, SOT-323
		Report errors?

## 2SK306400L 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.

## 2SK306400L Payment Methods



















## 2SK306400L Shipping Methods













If you have any question about 2SK306400L, please do not hesitate to contact us!

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