

2SK4065-E Information

Heisener.com

Part Number 2SK4065-E

Manufacturer ON Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 75V 100A SMP

Package TO-220-3, Short Tab

For the pricing/inventory/lead time, please contact

us

For Reference Only

Website: https://www.heisener.com

E-mail: salesdept@heisener.com



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Certified Quality

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2SK4065-E Specifications

Manufacturer Part Number 2SK4065-E Manufacturer ON Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-220-3, Short Tab Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab		
CategoryDiscrete Semiconductor ProductsPackageTO-220-3, Short TabSeries-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)75VCurrent - Continuous Drain (Id) @ 25°C100A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs220nC @ 10VInput Capacitance (Ciss) (Max) @ Vds12200pF @ 20VVgs (Max)±20VFET Feature-Power Dissipation (Max)1.65W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs6 mOhm @ 50A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageSMPPackage / CaseTO-220-3, Short Tab	Manufacturer Part Number	2SK4065-E
Package TO-220-3, Short Tab Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Manufacturer	ON Semiconductor
Package TO-220-3, Short Tab Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Category	Discrete Semiconductor Products
Series - M-Channel FET Type N-Channel Technology MOSFET (Metal Oxide) Toain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - 200C 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - 20V FET Feature - 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6mOlm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case 10V		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Toain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 1220opF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case Took 100A (Ta)	Package	TO-220-3, Short Tab
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1220pF @ 20V Vgs (Max) Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Supplier Device Package Package / Case MOSFET (Metal Oxide) 75V MOUATIENT (Metal Oxide) 75V 100A (Ta)	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Supplier Device Package Package / Case TO-220-3, Short Tab	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 100A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	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 6 mOhm @ 50A, 10V Operating Temperature Mounting Type Through Hole Supplier Device Package Package / Case Avy, 10V 220nC @ 10V 12200pF @ 20V ±20V 520V 520	Drain to Source Voltage (Vdss)	75V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1220nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) +20V FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Current - Continuous Drain (Id) @ 25°C	100A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 12200pF @ 20V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package Package / Case TO-220-3, Short Tab	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)1.65W (Ta), 90W (Tc)Rds On (Max) @ Id, Vgs6 mOhm @ 50A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageSMPPackage / CaseTO-220-3, Short Tab	Gate Charge (Qg) (Max) @ Vgs	220nC @ 10V
FET Feature - Power Dissipation (Max) 1.65W (Ta), 90W (Tc) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Input Capacitance (Ciss) (Max) @ Vds	12200pF @ 20V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 6 mOhm @ 50A, 10V Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs6 mOhm @ 50A, 10VOperating Temperature150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageSMPPackage / CaseTO-220-3, Short Tab	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Power Dissipation (Max)	1.65W (Ta), 90W (Tc)
Mounting Type Through Hole Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Rds On (Max) @ Id, Vgs	6 mOhm @ 50A, 10V
Supplier Device Package SMP Package / Case TO-220-3, Short Tab	Operating Temperature	150°C (TJ)
Package / Case TO-220-3, Short Tab	Mounting Type	Through Hole
	Supplier Device Package	SMP
Report errors?	Package / Case	TO-220-3, Short Tab
•		Report errors?

2SK4065-E 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.

2SK4065-E Payment Methods





















2SK4065-E Shipping Methods













If you have any question about 2SK4065-E, please do not hesitate to contact us!

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