



SUM110N04-2M3L-E3 Information



For Reference Only

Part Number SUM110N04-2M3L-E3

Manufacturer Vishay Siliconix

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 40V 110A D2PAK

Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB

For the pricing/inventory/lead time, please contact

us

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



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SUM110N04-2M3L-E3 Specifications

Manufacturer Part Number SUM110N04-2M3L-E3 Manufacturer Vishay Siliconix Category Discrete Semiconductor Products Fransistors - FETs, MOSFETs - Single Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB Series TrenchFET? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 40V Current - Continuous Drain (Id) @ 25°C 110A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 360nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		
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Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 110A (Tc) Drive Voltage (Max Rds On, Min Rds On) 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 -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case MIN (Tc) 110A (Tc	Series	TrenchFET?
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) **ET Feature** Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature **Jeven Augustian (Max) Surface Mount Supplier Device Package TO-263 (D2Pak) To-263AB **Jeven August (August (FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 110A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 360nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	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 2.3 mOhm @ 30A, 10V Operating Temperature Operating Type Surface Mount Supplier Device Package Package / Case TO-263 (D2Pak) TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	40V
Vgs(th) (Max) @ Id 3V @ 250μA Gate Charge (Qg) (Max) @ Vgs 360nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Current - Continuous Drain (Id) @ 25°C	110A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case 360nC @ 10V 13600pF @ 25V ±20V FET Feature -7000 Surface Mount To-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds 13600pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	3V @ 250μA
Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	360nC @ 10V
FET Feature - Power Dissipation (Max) 3.75W (Ta), 375W (Tc) Rds On (Max) @ Id, Vgs 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	13600pF @ 25V
Power Dissipation (Max) 3.75W (Ta), 375W (Tc) 2.3 mOhm @ 30A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs2.3 mOhm @ 30A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageTO-263 (D2Pak)Package / CaseTO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	3.75W (Ta), 375W (Tc)
Mounting Type Surface Mount Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	2.3 mOhm @ 30A, 10V
Supplier Device Package TO-263 (D2Pak) Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Mounting Type	Surface Mount
	Supplier Device Package	TO-263 (D2Pak)
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
		Report errors?

SUM110N04-2M3L-E3 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.

SUM110N04-2M3L-E3 Payment Methods





















SUM110N04-2M3L-E3 Shipping Methods













If you have any question about SUM110N04-2M3L-E3, please do not hesitate to contact us!

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