

BUK7226-75A,118 Information



For Reference Only

Part Number BUK7226-75A,118 **Manufacturer** Nexperia USA Inc.

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 75V 45A DPAK

Package TO-252-3, DPak (2 Leads + Tab), SC-63

For the pricing/inventory/lead time, please contact

us

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



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BUK7226-75A,118 Specifications

Manufacturer Part Number BUK7226-75A,118 Manufacturer Nexperia USA Inc. Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series Automotive, AEC-Q101, TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75V Current - Continuous Drain (Id) @ 25°C 45A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ ImA Gate Charge (Qg) (Max) @ Vgs 48nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2385pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 158W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 Report errors?		
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Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series Automotive, AEC-Q101, TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 75 V Current - Continuous Drain (Id) @ 25°C 45A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ ImA Gate Charge (Qg) (Max) @ Vgs 48nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2385pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 158W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Category	Discrete Semiconductor Products
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FET Type N-Channel Technology MOSFET (Metal Oxide) 75V Current - Continuous Drain (Id) @ 25°C 45A (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 Change (Qg) (Max) @ Vds 158W (Tc) Rds On (Max) @ Id, Vgs Change (Qg) (Max) @ Vds Sufface Mount Supplier Device Package Package / Case N-Channel MOSFET (Metal Oxide) #55°C (Metal Oxide) #55°C (Metal Oxide) #55°C (Tj) #	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 45A (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) **EUOV** FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature **Operating Temperature **Operating Type Surface Mount Supplier Device Package Package / Case **MOSFET (Metal Oxide) 75V Moster (Metal Oxide) 75V 45A (Tc) 45A (Tc) 44V @ 1mA 44V @ 1mA 48nC @ 10V 2385pF @ 25V **±20V FET Feature - **Operating Temperature - **Operating Temperature - 55°C ~ 175°C (TJ) **Surface Mount Supplier Device Package **DPAK Package / Case	Series	Automotive, AEC-Q101, TrenchMOS?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 45A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Surface Mount Supplier Device Package Package / Case 75V 45A (Tc) 45A (Tc) 45A (Tc) 45A (Tc) 45B (To 2385pF @ 25V 48nC @ 10V 2385pF @ 25V 420V 520V 52	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 45A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 48nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2385pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 158W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	75V
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 Found Temperature Surplier Device Package Package / Case 48nC @ 10V 2385pF @ 25V +20V FET Feature - Nounting Type Surface Mount DPAK TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	45A (Tc)
Gate Charge (Qg) (Max) @ Vgs 48nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2385pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 158W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds 2385pF @ 25V Vgs (Max) E20V FET Feature - Power Dissipation (Max) I58W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs(th) (Max) @ Id	4V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)158W (Tc)Rds On (Max) @ Id, Vgs26 mOhm @ 25A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	48nC @ 10V
FET Feature - Power Dissipation (Max) 158W (Tc) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Input Capacitance (Ciss) (Max) @ Vds	2385pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 26 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs26 mOhm @ 25A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	FET Feature	-
Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Power Dissipation (Max)	158W (Tc)
Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Rds On (Max) @ Id, Vgs	26 mOhm @ 25A, 10V
Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Operating Temperature	-55°C ~ 175°C (TJ)
Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Mounting Type	Surface Mount
	Supplier Device Package	DPAK
Report errors?	Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
		Report errors?

BUK7226-75A,118 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.

BUK7226-75A,118 Payment Methods



















BUK7226-75A,118 Shipping Methods













If you have any question about BUK7226-75A,118, please do not hesitate to contact us!

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