

BUK9213-30A,118 Information

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For Reference Only

Part Number BUK9213-30A,118

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 55A 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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BUK9213-30A,118 Specifications

Manufacturer Part Number BUK9213-30A,118 Manufacturer NXP Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 55 A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ ImA Gate Charge (Qg) (Max) @ Vgs 37nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) E15V FET Feature - Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs 11 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?		
Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Qate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) #15V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package DPAK Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63	Manufacturer Part Number	BUK9213-30A,118
Package To-252-3, DPak (2 Leads + Tab), SC-63 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs 37nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs 11 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	Manufacturer	NXP
Package TO-252-3, DPak (2 Leads + Tab), SC-63 Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ ImA Gate Charge (Qg) (Max) @ Vgs 37nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs 11 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
Series TrenchMOS? FET Type N-Channel Technology MOSFET (Metal Oxide) Jorain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs 37nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) ±15V FET Feature Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK Package / Case Tootinuous Drain (Id) @ 25°C		Transistors - FETs, MOSFETs - Single
FET Type Rechnology MOSFET (Metal Oxide) MOSFET (Metal Oxide) 30V Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature Supplier Device Package Package / Case N-Channel N-Channel N-Channel NOSFET (Metal Oxide) 30V AUSEN 30V 55A (Tc) 55V 1mA 2V @ 1mA 2V @ 1mA 2V @ 5V 2852pF @ 25V 28	Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 55A (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) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V MOSFET (Metal Oxide) 30V 55A (Tc) 11 mA 50V 11 mA 150V 150V 150V 150V 11 mOhm @ 25A, 10V 12 mohem @ 25A, 10V 13 mohem @ 25A, 10V 14 mohem @ 25A, 10V 15 mohem @ 25A, 10V 16 mohem @ 25A, 10V 17 mohem @ 25A, 10V 18 mohem @ 25A, 10V 19 mohem @ 25A, 10V 10 mohem @ 25A, 10V 10 mohem @ 25A, 10V 11 mOhm @ 25A, 10V 11 mOhm @ 25A, 10V 11 mOhm @ 25A, 10V 12 mohem @ 25A, 10V 13 mohem @ 25A, 10V 14 mohem @ 25A, 10V 15 mohem @ 25A, 10V 16 mohem @ 25A, 10V 17 mohem @ 25A, 10V 18 mohem @ 25A, 10V 19 mohem @ 25A, 10V 10	Series	TrenchMOS?
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 55A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate 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 Sy A (Tc) Sy A (Tc	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature Supplier Device Package Package / Case 55A (Tc) 55V 1mA 37nC @ 5V 2852pF @ 25V 15V FET Feature - Power Dissipation (Max) 150W (Tc) 11 mOhm @ 25A, 10V - 55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package DPAK 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 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 mOhm @ 25A, 10V Operating Temperature Jenuth Surface Mount Supplier Device Package Package / Case Asson (Max) & TO-252-3, DPak (2 Leads + Tab), SC-63	Drain to Source Voltage (Vdss)	30V
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 In mOhm @ 25A, 10V Operating Temperature **Operating Type Surface Mount Supplier Device Package DPAK Package / Case **TO-252-3, DPak (2 Leads + Tab), SC-63	Current - Continuous Drain (Id) @ 25°C	55A (Tc)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 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)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds 2852pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 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	2V @ 1mA
Vgs (Max) $\pm 15 \text{V}$ FET Feature-Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs $11 \text{ mOhm } @ 25 \text{A}, 10 \text{V}$ Operating Temperature $-55^{\circ}\text{C} \sim 175^{\circ}\text{C (TJ)}$ Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63	Gate Charge (Qg) (Max) @ Vgs	37nC @ 5V
FET Feature - Power Dissipation (Max) 150W (Tc) Rds On (Max) @ Id, Vgs 11 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	2852pF @ 25V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 11 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)	±15V
Rds On (Max) @ Id, Vgs11 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)	150W (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	11 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?

BUK9213-30A,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.

BUK9213-30A,118 Payment Methods



















BUK9213-30A,118 Shipping Methods













If you have any question about BUK9213-30A,118, please do not hesitate to contact us!

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