



BUK9222-55A/C1,118 Information



For Reference Only

Part Number BUK9222-55A/C1,118

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 55V 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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BUK9222-55A/C1,118 Specifications

| Manufacturer Part Number BUK9222-55A/C1,118 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) 55V Current - Continuous Drain (Id) @ 25°C 48A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ ImA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) E5T Feature FET Feature - Power Dissipation (Max) 103W (Tc) Rds On (Max) @ Id, Vgs 20 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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| 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) Toriot Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 48A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) #15V FET Feature - Power Dissipation (Max) 103W (Tc) Rds On (Max) @ Id, Vgs Operating Temperature - Supplier Device Package DPAK Package / Case To-252-3, DPak (2 Leads + Tab), SC-63 | Manufacturer Part Number | BUK9222-55A/C1,118 |
| Transistors - FETs, MOSFETs - Single | 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) 55V Current - Continuous Drain (Id) @ 25°C 48A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs - Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) ±15V FET Feature - Power Dissipation (Max) 103W (Tc) Rds On (Max) @ Id, Vgs 20 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) 55V Current - Continuous Drain (Id) @ 25°C 48A (Tc) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 270 210 210 210 210 210 210 210 210 210 21 | | Transistors - FETs, MOSFETs - Single |
| FET Type Rechnology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 48A (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) £15V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount DPAK Package / Case N-Channel N-Channel MOSFET (Metal Oxide) MOSFET (Metal Oxide) 15V 48A (Tc) 48A (Tc | Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 48A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) #15V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 55V MOSTET (Metal Oxide) 55V 050 48A (Tc) 48A (Tc) | Series | TrenchMOS? |
| Drain to Source Voltage (Vdss)55VCurrent - Continuous Drain (Id) @ 25°C48A (Tc)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id2V @ 1mAGate Charge (Qg) (Max) @ Vgs-Input Capacitance (Ciss) (Max) @ Vds2210pF @ 25VVgs (Max)±15VFET Feature-Power Dissipation (Max)103W (Tc)Rds On (Max) @ Id, Vgs20 mOhm @ 25A, 10VOperating Temperature-55°C ~ 175°C (TJ)Mounting TypeSurface MountSupplier Device PackageDPAKPackage / CaseTO-252-3, DPak (2 Leads + Tab), SC-63 | FET Type | N-Channel |
| Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 2V @ 1mA Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) ±15V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 20 mOhm @ 25A, 10V Operating Temperature Surpface Mount Supplier Device Package Package / Case 48A (Tc) 48A | 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 20 mOhm @ 25A, 10V Operating Temperature Jenuth Capacitance (Ciss) (Max) @ Vds Surface Mount Supplier Device Package Package / Case TO-252-3, DPak (2 Leads + Tab), SC-63 | Drain to Source Voltage (Vdss) | 55V |
| Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) *#15V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature *#15V Temperature *#16W * | Current - Continuous Drain (Id) @ 25°C | 48A (Tc) |
| Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Josupha Surface Mount Supplier Device Package DPAK Package / Case Pods (Max) @ Vds Package / Case Pods (Max) @ Vds Package / Case Package (Ciss) (Max) @ Vds Package / Case Package (Max) @ Vds Package (Package) Package | Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Input Capacitance (Ciss) (Max) @ Vds 2210pF @ 25V Vgs (Max) ET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 20 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) ±15V FET Feature - Power Dissipation (Max) 103W (Tc) Rds On (Max) @ Id, Vgs 20 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 | Gate Charge (Qg) (Max) @ Vgs | - |
| FET Feature - Power Dissipation (Max) 103W (Tc) Rds On (Max) @ Id, Vgs 20 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 | 2210pF @ 25V |
| Power Dissipation (Max) Rds On (Max) @ Id, Vgs 20 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, Vgs20 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) | 103W (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 | 20 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? |

BUK9222-55A/C1,118 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.

BUK9222-55A/C1,118 Payment Methods



















BUK9222-55A/C1,118 Shipping Methods













If you have any question about BUK9222-55A/C1,118, please do not hesitate to contact us!

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