



IXTR32P60P Information



For Reference Only

Part Number IXTR32P60P

Manufacturer IXYS

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

Description MOSFET P-CH 600V 18A ISOPLUS247

Package ISOPLUS247?

For the pricing/inventory/lead time, please contact

us

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



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Certified Quality

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IXTR32P60P Specifications

| Manufacturer Part Number IXTR32P60P Manufacturer IXYS Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package ISOPLUS247? Series PolarP? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 18A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 196nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 11100pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | | |
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| Package ISOPLUS247? Series PolarP? FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 600V Current - Continuous Drain (Id) @ 25°C 18A (Tc) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id 4V @ ImA Gate Charge (Qg) (Max) @ Vgs 196nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 11100pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Manufacturer | IXYS |
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| SeriesPolarP?FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C18A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 1mAGate Charge (Qg) (Max) @ Vgs196nC @ 10VInput Capacitance (Ciss) (Max) @ Vds11100pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)310W (Tc)Rds On (Max) @ Id, Vgs385 mOhm @ 16A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247? | | Transistors - FETs, MOSFETs - Single |
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| Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 18A (Tc) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 196nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) **E20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package Package / Case MOSFET (Metal Oxide) 600V 18A (Tc) 18A (Tc) 10V 4V @ 1mA 4V @ 1mA 4V @ 1mA 4V @ 1mO 4 | Series | PolarP? |
| Drain to Source Voltage (Vdss)600VCurrent - Continuous Drain (Id) @ 25°C18A (Tc)Drive Voltage (Max Rds On, Min Rds On)10VVgs(th) (Max) @ Id4V @ 1mAGate Charge (Qg) (Max) @ Vgs196nC @ 10VInput Capacitance (Ciss) (Max) @ Vds11100pF @ 25VVgs (Max)±20VFET Feature-Power Dissipation (Max)310W (Tc)Rds On (Max) @ Id, Vgs385 mOhm @ 16A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247? | FET Type | P-Channel |
| 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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) #20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 310W (Tc) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case | Technology | MOSFET (Metal Oxide) |
| Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id 4V @ 1mA Gate Charge (Qg) (Max) @ Vgs 196nC @ 10V Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Drain to Source Voltage (Vdss) | 600V |
| Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds I1100pF @ 25V Vgs (Max) #20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature John Condition of the properties of the p | Current - Continuous Drain (Id) @ 25°C | 18A (Tc) |
| Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 11100pF @ 25V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case | Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) E20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Vgs(th) (Max) @ Id | 4V @ 1mA |
| Vgs (Max)±20VFET Feature-Power Dissipation (Max)310W (Tc)Rds On (Max) @ Id, Vgs385 mOhm @ 16A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247? | Gate Charge (Qg) (Max) @ Vgs | 196nC @ 10V |
| FET Feature - Power Dissipation (Max) 310W (Tc) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Input Capacitance (Ciss) (Max) @ Vds | 11100pF @ 25V |
| Power Dissipation (Max) Rds On (Max) @ Id, Vgs 385 mOhm @ 16A, 10V Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Vgs (Max) | ±20V |
| Rds On (Max) @ Id, Vgs385 mOhm @ 16A, 10VOperating Temperature-55°C ~ 150°C (TJ)Mounting TypeThrough HoleSupplier Device PackageISOPLUS247?Package / CaseISOPLUS247? | FET Feature | - |
| Operating Temperature -55°C ~ 150°C (TJ) Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Power Dissipation (Max) | 310W (Tc) |
| Mounting Type Through Hole Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Rds On (Max) @ Id, Vgs | 385 mOhm @ 16A, 10V |
| Supplier Device Package ISOPLUS247? Package / Case ISOPLUS247? | Operating Temperature | -55°C ~ 150°C (TJ) |
| Package / Case ISOPLUS247? | Mounting Type | Through Hole |
| | Supplier Device Package | ISOPLUS247? |
| Report errors? | Package / Case | ISOPLUS247? |
| | | Report errors? |

IXTR32P60P 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.

IXTR32P60P Payment Methods









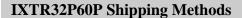
























If you have any question about IXTR32P60P, please do not hesitate to contact us!

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