



## PHB11N06LT,118 Information



For Reference Only

Part Number PHB11N06LT,118

Manufacturer NXP

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 55V 10.3A 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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## PHB11N06LT,118 Specifications

Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single  Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  Series TrenchMOS?  FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C 10.3A (Tc)  Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs 1.2V @ ImA  Gate Charge (Qg) (Max) @ Vds 330pF @ 25V  Vgs (Max)  ±15V  FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		
Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single  Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  Series TrenchMOS? FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss)  Current - Continuous Drain (Id) @ 25°C 10.3A (Tc)  Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id  Gate Charge (Qg) (Max) @ Vgs 5.2nC @ 5V  Input Capacitance (Ciss) (Max) @ Vds 330pF @ 25V  Vgs (Max)  ±15V  FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Manufacturer Part Number	PHB11N06LT,118
Transistors - FETs, MOSFETs - Single	Manufacturer	NXP
Package TO-263-3, D2Pak (2 Leads + Tab), TO-263AB  Series TrenchMOS?  FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) 55V  Current - Continuous Drain (Id) @ 25°C 10.3A (Tc)  Drive Voltage (Max Rds On, Min Rds On) 5V, 10V  Vgs(th) (Max) @ Id 2V @ ImA  Gate Charge (Qg) (Max) @ Vgs 5.2nC @ 5V  Input Capacitance (Ciss) (Max) @ Vds 330pF @ 25V  Vgs (Max) ±15V  FET Feature - Power Dissipation (Max) 33W (Tc)  Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Category	Discrete Semiconductor Products
Series TrenchMOS?  FET Type N-Channel  Technology MOSFET (Metal Oxide)  Drain to Source Voltage (Vdss) 55V  Current - Continuous Drain (Id) @ 25°C 10.3A (Tc)  Drive Voltage (Max Rds On, Min Rds On) 5V, 10V  Vgs(th) (Max) @ Id 2V @ ImA  Gate Charge (Qg) (Max) @ Vgs 5.2nC @ 5V  Input Capacitance (Ciss) (Max) @ Vds 330pF @ 25V  Vgs (Max) ±15V  FET Feature  Power Dissipation (Max) 33W (Tc)  Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB		Transistors - FETs, MOSFETs - Single
FET Type Technology MOSFET (Metal Oxide)  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)  FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V Operating Temperature -55°C ~ 175°C (TJ) Mounting Type Surface Mount Supplier Device Package D2PAK Package / Case  N-Channel N	Package	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Technology  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  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  MOSFET (Metal Oxide)  MOSFET (Metal Oxide)  55V  10.3A (Tc)  10.3A (	Series	TrenchMOS?
Drain to Source Voltage (Vdss)  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)  **ET Feature**  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  Operating Temperature  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  **Continuous Drain (Id) @ 25°C  10.3A (Tc)	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 10.3A (Tc)  Drive Voltage (Max Rds On, Min Rds On) 5V, 10V  Vgs(th) (Max) @ Id 2V @ 1mA  Gate Charge (Qg) (Max) @ Vgs 5.2nC @ 5V  Input Capacitance (Ciss) (Max) @ Vds 330pF @ 25V  Vgs (Max) ±15V  FET Feature - Power Dissipation (Max) 33W (Tc)  Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package 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  Cate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  Vgs (Max)  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  130 mOhm @ 5.5A, 10V  Operating Temperature  Operating Type  Surface Mount  Supplier Device Package  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drain to Source Voltage (Vdss)	55V
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  Mounting Type  Surface Mount  Supplier Device Package  Package / Case  **Comparison of the comparison of the compa	Current - Continuous Drain (Id) @ 25°C	10.3A (Tc)
Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  330pF @ 25V  Vgs (Max)  ±15V  FET Feature  Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  130 mOhm @ 5.5A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  D2PAK  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Input Capacitance (Ciss) (Max) @ Vds  330pF @ 25V  Vgs (Max)  ±15V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  130 mOhm @ 5.5A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  D2PAK  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs(th) (Max) @ Id	2V @ 1mA
Vgs (Max) ±15V  FET Feature -  Power Dissipation (Max) 33W (Tc)  Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Gate Charge (Qg) (Max) @ Vgs	5.2nC @ 5V
FET Feature -  Power Dissipation (Max) 33W (Tc)  Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Input Capacitance (Ciss) (Max) @ Vds	330pF @ 25V
Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  130 mOhm @ 5.5A, 10V  Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  D2PAK  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Vgs (Max)	±15V
Rds On (Max) @ Id, Vgs 130 mOhm @ 5.5A, 10V  Operating Temperature -55°C ~ 175°C (TJ)  Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	FET Feature	-
Operating Temperature  -55°C ~ 175°C (TJ)  Mounting Type  Surface Mount  Supplier Device Package  D2PAK  Package / Case  TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Power Dissipation (Max)	33W (Tc)
Mounting Type Surface Mount  Supplier Device Package D2PAK  Package / Case TO-263-3, D2Pak (2 Leads + Tab), TO-263AB	Rds On (Max) @ Id, Vgs	130 mOhm @ 5.5A, 10V
Supplier Device Package  D2PAK  Package / Case  D2PAK  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	D2PAK
Report errors?	Package / Case	TO-263-3, D2Pak (2 Leads + Tab), TO-263AB
Report errors.		Report errors?

### PHB11N06LT,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.

### PHB11N06LT,118 Payment Methods



















### PHB11N06LT,118 Shipping Methods













If you have any question about PHB11N06LT,118, please do not hesitate to contact us!

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