

BTS113AE3064NKSA1 Information


For Reference Only

Part Number [BTS113AE3064NKSA1](#)
Manufacturer Infineon Technologies
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 60V 11.5A TO-220AB
Package TO-220-3
 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

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


BTS113AE3064NKSA1 Specifications

Manufacturer Part Number	BTS113AE3064NKSA1
Manufacturer	Infineon Technologies
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-220-3
Series	TEMPFET?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	60V
Current - Continuous Drain (I _d) @ 25°C	11.5A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V
V _{gs} (th) (Max) @ I _d	2.5V @ 1mA
Gate Charge (Q _g) (Max) @ V _{gs}	-
Input Capacitance (C _{iss}) (Max) @ V _{ds}	560pF @ 25V
V _{gs} (Max)	±10V
FET Feature	-
Power Dissipation (Max)	40W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	170 mOhm @ 5.8A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	P-TO220AB
Package / Case	TO-220-3

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BTS113AE3064NKSA1 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.

BTS113AE3064NKSA1 Payment Methods



BTS113AE3064NKSA1 Shipping Methods



If you have any question about BTS113AE3064NKSA1, please do not hesitate to contact us!

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