

BSP100,135 Information


For Reference Only

Part Number [BSP100,135](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 30V 3.2A SOT223
Package TO-261-4, TO-261AA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
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.


BSP100,135 Specifications

Manufacturer Part Number	BSP100,135
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-261-4, TO-261AA
Series	TrenchMOS?
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	3.2A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.8V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	6nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	250pF @ 20V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	8.3W (Tc)
Rds On (Max) @ Id, Vgs	100 mOhm @ 2.2A, 10V
Operating Temperature	-65°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SOT-223
Package / Case	TO-261-4, TO-261AA

[Report errors?](#)

BSP100,135 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.

BSP100,135 Payment Methods



BSP100,135 Shipping Methods



If you have any question about BSP100,135, please do not hesitate to contact us!

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