

PMPB20XNEAX Information


For Reference Only

Part Number [PMPB20XNEAX](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V SOT1220
Package 6-UDFN Exposed Pad
 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.


PMPB20XNEAX Specifications

Manufacturer Part Number	PMPB20XNEAX
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-UDFN Exposed Pad
Series	Automotive, AEC-Q101
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	7.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Vgs(th) (Max) @ Id	1.25V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	15nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	930pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	460mW (Ta), 12.5W (Tc)
Rds On (Max) @ Id, Vgs	20 mOhm @ 7.5A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-DFN2020MD (2x2)
Package / Case	6-UDFN Exposed Pad

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PMPB20XNEAX 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.

PMPB20XNEAX Payment Methods



PMPB20XNEAX Shipping Methods



If you have any question about PMPB20XNEAX, please do not hesitate to contact us!

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