

PMCM6501VNEZ Information


For Reference Only

Part Number [PMCM6501VNEZ](#)
Manufacturer Nexperia USA Inc.
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 12V 6WLCSP
Package 6-XFBGA, WLCSP
 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.


PMCM6501VNEZ Specifications

Manufacturer Part Number	PMCM6501VNEZ
Manufacturer	Nexperia USA Inc.
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-XFBGA, WLCSP
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	12V
Current - Continuous Drain (I _d) @ 25°C	7.3A (T _a)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	1.5V, 4.5V
V _{gs(th)} (Max) @ I _d	900mV @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	24nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	920pF @ 6V
V _{gs} (Max)	±8V
FET Feature	-
Power Dissipation (Max)	556mW (T _a), 12.5W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	18 mOhm @ 3A, 4.5V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	6-WLCSP (1.48x.98)
Package / Case	6-XFBGA, WLCSP

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PMCM6501VNEZ 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.

PMCM6501VNEZ Payment Methods



PMCM6501VNEZ Shipping Methods



If you have any question about PMCM6501VNEZ, please do not hesitate to contact us!

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