

MCH6421-TL-E Information


For Reference Only

Part Number [MCH6421-TL-E](#)
Manufacturer ON Semiconductor
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 20V 5.5A MCPH6
Package 6-SMD, Flat Leads
 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.


MCH6421-TL-E Specifications

Manufacturer Part Number	MCH6421-TL-E
Manufacturer	ON Semiconductor
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	6-SMD, Flat Leads
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	5.5A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.8V, 4.5V
Vgs(th) (Max) @ Id	1.3V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	5.1nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	410pF @ 10V
Vgs (Max)	±12V
FET Feature	-
Power Dissipation (Max)	1.5W (Ta)
Rds On (Max) @ Id, Vgs	38 mOhm @ 2A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-MCPH
Package / Case	6-SMD, Flat Leads

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MCH6421-TL-E 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.

MCH6421-TL-E Payment Methods



MCH6421-TL-E Shipping Methods



If you have any question about MCH6421-TL-E, please do not hesitate to contact us!

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