

STL42P6LLF6 Information


For Reference Only

Part Number [STL42P6LLF6](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET P-CH 60V 42A 8POWERFLAT
Package 8-PowerSMD, 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.


STL42P6LLF6 Specifications

Manufacturer Part Number	STL42P6LLF6
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	STripFET? F6
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{ds})	60V
Current - Continuous Drain (I _d) @ 25°C	42A (T _c)
Drive Voltage (Max R _{ds} On, Min R _{ds} On)	4.5V, 10V
V _{gs} (th) (Max) @ I _d	2.5V @ 250μA
Gate Charge (Q _g) (Max) @ V _{gs}	30nC @ 4.5V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	3780pF @ 25V
V _{gs} (Max)	±20V
FET Feature	-
Power Dissipation (Max)	100W (T _c)
R _{ds} On (Max) @ I _d , V _{gs}	26 mOhm @ 4.5A, 10V
Operating Temperature	175°C (T _J)
Mounting Type	Surface Mount
Supplier Device Package	PowerFlat? (5x6)
Package / Case	8-PowerSMD, Flat Leads

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STL42P6LLF6 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.

STL42P6LLF6 Payment Methods



STL42P6LLF6 Shipping Methods



If you have any question about STL42P6LLF6, please do not hesitate to contact us!

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