

STFILED524 Information


For Reference Only

Part Number [STFILED524](#)
Manufacturer STMicroelectronics
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 525V 4A I2PAK
Package TO-262-3 Full Pack, I2PAK
 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.


STFILED524 Specifications

Manufacturer Part Number	STFILED524
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-262-3 Full Pack, I2PAK
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V _{dss})	525V
Current - Continuous Drain (I _d) @ 25°C	4A (T _c)
Drive Voltage (Max R _{ds On} , Min R _{ds On})	10V
V _{gs(th)} (Max) @ I _d	4.5V @ 50μA
Gate Charge (Q _g) (Max) @ V _{gs}	12nC @ 10V
Input Capacitance (C _{iss}) (Max) @ V _{ds}	340pF @ 100V
V _{gs} (Max)	±30V
FET Feature	-
Power Dissipation (Max)	20W (T _c)
R _{ds On} (Max) @ I _d , V _{gs}	2.6 Ohm @ 2.2A, 10V
Operating Temperature	-55°C ~ 150°C (T _J)
Mounting Type	Through Hole
Supplier Device Package	I2PAKFP (TO-281)
Package / Case	TO-262-3 Full Pack, I2PAK

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STFILED524 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.

STFILED524 Payment Methods



STFILED524 Shipping Methods



If you have any question about STFILED524, please do not hesitate to contact us!

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