



### STU40N2LH5 Information



For Reference Only

Part Number STU40N2LH5
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N-CH 25V 40A IPAK

Package TO-251-3 Short Leads, IPak, TO-251AA

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.









# **STU40N2LH5 Specifications**

Manufacturer Part Number	STU40N2LH5
Manufacturer	STMicroelectronics
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-251-3 Short Leads, IPak, TO-251AA
Series	STripFET? V
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	25V
Current - Continuous Drain (Id) @ 25°C	40A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	5V, 10V
Vgs(th) (Max) @ Id	1V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	6.3nC @ 5V
Input Capacitance (Ciss) (Max) @ Vds	700pF @ 20V
Vgs (Max)	±22V
FET Feature	-
Power Dissipation (Max)	35W (Tc)
Rds On (Max) @ Id, Vgs	12.4 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Supplier Device Package	I-Pak
Package / Case	TO-251-3 Short Leads, IPak, TO-251AA
	Report errors?

#### STU40N2LH5 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.

## **STU40N2LH5 Payment Methods**









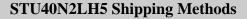
























If you have any question about STU40N2LH5, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com