## STL160N3LLH6 Information

| | |
|---|---|
| **Part Number** | STL160N3LLH6 |
| **Manufacturer** | STMicroelectronics |
| **Category** | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| **Description** | MOSFET N-CH 30V 160A POWERFLAT56 |
| **Package** | 8-PowerVDFN |

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

For Reference Only

**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.

## STL160N3LLH6 Specifications

| | |
|---|---|
| Manufacturer Part Number | STL160N3LLH6 |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | 8-PowerVDFN |
| Series | DeepGATE?, STripFET? VI |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 30V |
| Current - Continuous Drain (Id) @ 25°C | 160A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Vgs(th) (Max) @ Id | 1V @ 250µA |
| Gate Charge (Qg) (Max) @ Vgs | 61.5nC @ 4.5V |
| Input Capacitance (Ciss) (Max) @ Vds | 6375pF @ 25V |
| Vgs (Max) | ±20V |
| FET Feature | - |
| Power Dissipation (Max) | 136W (Tc) |
| Rds On (Max) @ Id, Vgs | 1.3 mOhm @ 17.5A, 10V |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | PowerFlat? (5x6) |
| Package / Case | 8-PowerVDFN |

Report errors?

## STL160N3LLH6 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.

## STL160N3LLH6 Payment Methods

## STL160N3LLH6 Shipping Methods

If you have any question about STL160N3LLH6, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com