## STD6N65M2 Information

| | | |
|---|---|---|
| **Part Number** | STD6N65M2 | |
| **Manufacturer** | STMicroelectronics | |
| **Category** | Discrete Semiconductor Products | |
| | Transistors - FETs, MOSFETs - Single | |
| **Description** | MOSFET N-CH 650V 4A DPAK | |
| **Package** | TO-252-3, DPak (2 Leads + Tab), SC-63 | |

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.

## STD6N65M2 Specifications

| | |
|---|---|
| Manufacturer Part Number | STD6N65M2 |
| Manufacturer | STMicroelectronics |
| Category | Discrete Semiconductor Products |
| | Transistors - FETs, MOSFETs - Single |
| Package | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| Series | MDmesh? |
| FET Type | N-Channel |
| Technology | MOSFET (Metal Oxide) |
| Drain to Source Voltage (Vdss) | 650V |
| Current - Continuous Drain (Id) @ 25°C | 4A (Tc) |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Vgs(th) (Max) @ Id | 4V @ 250μA |
| Gate Charge (Qg) (Max) @ Vgs | 9.8nC @ 10V |
| Input Capacitance (Ciss) (Max) @ Vds | 226pF @ 100V |
| Vgs (Max) | ±25V |
| FET Feature | - |
| Power Dissipation (Max) | 60W (Tc) |
| Rds On (Max) @ Id, Vgs | 1.35 Ohm @ 2A, 10V |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Supplier Device Package | DPAK |
| Package / Case | TO-252-3, DPak (2 Leads + Tab), SC-63 |
| | Report errors? |

## STD6N65M2 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.

## STD6N65M2 Payment Methods

## STD6N65M2 Shipping Methods

If you have any question about STD6N65M2, please do not hesitate to contact us!

Website: https://www.heisener.com

E-mail: salesdept@heisener.com