



### STW57N65M5-4 Information



For Reference Only

Part Number STW57N65M5-4
Manufacturer STMicroelectronics

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

**Description** MOSFET N CH 650V 42A TO247-4

Package TO-247-4

For the pricing/inventory/lead time, please contact

us

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



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# STW57N65M5-4 Specifications

Manufacturer Part Number         STW57N65M5-4           Manufacturer         STMicroelectronics           Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-247-4           Series         MDmesh? V           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         650V           Current - Continuous Drain (Id) @ 25°C         42A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         98nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         4200pF @ 100V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         250W (Tc)           Rds On (Max) @ Id, Vgs         63 mOhm @ 21A, 10V           Operating Temperature         150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-247-4L           Package / Case         TO-247-4           Report errors?		
Category         Discrete Semiconductor Products           Transistors - FETs, MOSFETs - Single           Package         TO-247-4           Series         MDmesh? V           FET Type         N-Channel           Technology         MOSFET (Metal Oxide)           Drain to Source Voltage (Vdss)         650V           Current - Continuous Drain (Id) @ 25°C         42A (Tc)           Drive Voltage (Max Rds On, Min Rds On)         10V           Vgs(th) (Max) @ Id         5V @ 250µA           Gate Charge (Qg) (Max) @ Vgs         98nC @ 10V           Input Capacitance (Ciss) (Max) @ Vds         4200pF @ 100V           Vgs (Max)         ±25V           FET Feature         -           Power Dissipation (Max)         250W (Tc)           Rds On (Max) @ Id, Vgs         63 mOhm @ 21A, 10V           Operating Temperature         150°C (TJ)           Mounting Type         Through Hole           Supplier Device Package         TO-247-4L           Package / Case         TO-247-4	Manufacturer Part Number	STW57N65M5-4
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Gate Charge (Qg) (Max) @ Vgs  Input Capacitance (Ciss) (Max) @ Vds  4200pF @ 100V  Vgs (Max)  ±25V  FET Feature  - Power Dissipation (Max)  Rds On (Max) @ Id, Vgs  63 mOhm @ 21A, 10V  Operating Temperature  150°C (TJ)  Mounting Type  Through Hole  Supplier Device Package  TO-247-4L  Package / Case	Drive Voltage (Max Rds On, Min Rds On)	10V
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Supplier Device Package TO-247-4L Package / Case TO-247-4	Operating Temperature	150°C (TJ)
Package / Case TO-247-4	Mounting Type	Through Hole
	Supplier Device Package	TO-247-4L
Report errors?	Package / Case	TO-247-4
		Report errors?

#### STW57N65M5-4 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.

### STW57N65M5-4 Payment Methods









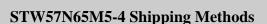
























If you have any question about STW57N65M5-4, please do not hesitate to contact us!

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