

**SSM6J505NU,LF Information**


For Reference Only

**Part Number** [SSM6J505NU,LF](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P CH 12V 12A UDFN6B  
**Package** 6-WDFN Exposed Pad  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto: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.


**SSM6J505NU,LF Specifications**

Manufacturer Part Number	<a href="#">SSM6J505NU,LF</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	6-WDFN Exposed Pad
Series	U-MOSVI
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vds)	12V
Current - Continuous Drain (Id) @ 25°C	12A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	1.2V, 4.5V
Vgs(th) (Max) @ Id	1V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	37.6nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	2700pF @ 10V
Vgs (Max)	±6V
FET Feature	-
Power Dissipation (Max)	1.25W (Ta)
Rds On (Max) @ Id, Vgs	12 mOhm @ 4A, 4.5V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	6-UDFNB (2x2)
Package / Case	6-WDFN Exposed Pad

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## SSM6J505NU,LF 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.

## SSM6J505NU,LF Payment Methods



## SSM6J505NU,LF Shipping Methods



If you have any question about SSM6J505NU,LF, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)