

**SSM3K7002BF,LF Information**


For Reference Only

**Part Number** [SSM3K7002BF,LF](#)  
**Manufacturer** Toshiba Semiconductor and Storage  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET N-CH 60V 0.2A S-MINI  
**Package** TO-236-3, SC-59, SOT-23-3  
 For the pricing/inventory/lead time, please contact us  
 Website: <https://www.heisener.com>  
 E-mail: [salesdept@heisener.com](mailto:salesdept@heisener.com)


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**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.


**SSM3K7002BF,LF Specifications**

Manufacturer Part Number	<a href="#">SSM3K7002BF,LF</a>
Manufacturer	Toshiba Semiconductor and Storage
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	TO-236-3, SC-59, SOT-23-3
Series	U-MOSIV
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>ds</sub> )	60V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	200mA (Ta)
Drive Voltage (Max R <sub>ds</sub> On, Min R <sub>ds</sub> On)	4.5V, 10V
V <sub>gs</sub> (th) (Max) @ I <sub>d</sub>	-
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	-
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	17pF @ 25V
V <sub>gs</sub> (Max)	±20V
FET Feature	-
Power Dissipation (Max)	200mW (Ta)
R <sub>ds</sub> On (Max) @ I <sub>d</sub> , V <sub>gs</sub>	2.1 Ohm @ 500mA, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	SC-59
Package / Case	TO-236-3, SC-59, SOT-23-3

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## SSM3K7002BF,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.

## SSM3K7002BF,LF Payment Methods



## SSM3K7002BF,LF Shipping Methods



If you have any question about SSM3K7002BF,LF, please do not hesitate to contact us!

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