

**MTM231100L Information**


For Reference Only

**Part Number** [MTM231100L](#)  
**Manufacturer** Panasonic Electronic Components  
**Category** Discrete Semiconductor Products  
[Transistors - FETs, MOSFETs - Single](#)  
**Description** MOSFET P-CH 12V 4A SMINI-3  
**Package** SC-70, SOT-323  
 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.


**MTM231100L Specifications**

Manufacturer Part Number	<a href="#">MTM231100L</a>
Manufacturer	Panasonic Electronic Components
Category	Discrete Semiconductor Products <a href="#">Transistors - FETs, MOSFETs - Single</a>
Package	SC-70, SOT-323
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (V <sub>dss</sub> )	12V
Current - Continuous Drain (I <sub>d</sub> ) @ 25°C	4A (T <sub>a</sub> )
Drive Voltage (Max R <sub>ds On</sub> , Min R <sub>ds On</sub> )	1.8V, 4V
V <sub>gs(th)</sub> (Max) @ I <sub>d</sub>	1V @ 1mA
Gate Charge (Q <sub>g</sub> ) (Max) @ V <sub>gs</sub>	-
Input Capacitance (C <sub>iss</sub> ) (Max) @ V <sub>ds</sub>	1200pF @ 10V
V <sub>gs</sub> (Max)	±8V
FET Feature	-
Power Dissipation (Max)	500mW (T <sub>a</sub> )
R <sub>ds On</sub> (Max) @ I <sub>d</sub> , V <sub>gs</sub>	40 mOhm @ 1A, 4V
Operating Temperature	150°C (T <sub>J</sub> )
Mounting Type	Surface Mount
Supplier Device Package	SMini3-G1
Package / Case	SC-70, SOT-323

[Report errors?](#)

## MTM231100L 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.

## MTM231100L Payment Methods



## MTM231100L Shipping Methods



If you have any question about MTM231100L, please do not hesitate to contact us!

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

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