

**MOC8103 Information**


For Reference Only

**Part Number** [MOC8103](#)  
**Manufacturer** Fairchild/ON Semiconductor  
**Category** Isolators  
[Optoisolators - Transistor, Photovoltaic Output](#)  
**Description** OPTOISOLATOR 5.3KV TRANS 6-DIP  
**Package** 6-DIP (0.300", 7.62mm)  
 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.


**MOC8103 Specifications**

Manufacturer Part Number	<a href="#">MOC8103</a>
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators <a href="#">Optoisolators - Transistor, Photovoltaic Output</a>
Package	6-DIP (0.300", 7.62mm)
Series	-
Number of Channels	1
Voltage - Isolation	5300Vrms
Current Transfer Ratio (Min)	108% @ 10mA
Current Transfer Ratio (Max)	173% @ 10mA
Turn On / Turn Off Time (Typ)	2μs, 3μs
Rise / Fall Time (Typ)	1μs, 2μs
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	30V
Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ)	1.15V
Current - DC Forward (If) (Max)	100mA
Vce Saturation (Max)	400mV
Operating Temperature	-55°C ~ 100°C
Mounting Type	Through Hole
Package / Case	6-DIP (0.300", 7.62mm)
Supplier Device Package	6-DIP

[Report errors?](#)

## MOC8103 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.

## MOC8103 Payment Methods



## MOC8103 Shipping Methods



If you have any question about MOC8103, please do not hesitate to contact us!

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