

MCT9001S Information


For Reference Only

Part Number [MCT9001S](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 5KV 2CH TRANSISTOR 8SMD
Package 8-SMD, Gull Wing
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: 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.


MCT9001S Specifications

Manufacturer Part Number	MCT9001S
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Optoisolators - Transistor, Photovoltaic Output
Package	8-SMD, Gull Wing
Series	-
Number of Channels	2
Voltage - Isolation	5000Vrms
Current Transfer Ratio (Min)	50% @ 5mA
Current Transfer Ratio (Max)	600% @ 5mA
Turn On / Turn Off Time (Typ)	3μs, 3μs
Rise / Fall Time (Typ)	2.4μs, 2.4μs
Input Type	DC
Output Type	Transistor
Voltage - Output (Max)	55V
Current - Output / Channel	30mA
Voltage - Forward (Vf) (Typ)	1V
Current - DC Forward (If) (Max)	60mA
Vce Saturation (Max)	400mV
Operating Temperature	-55°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	8-SMD, Gull Wing
Supplier Device Package	8-SMD

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MCT9001S 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.

MCT9001S Payment Methods



MCT9001S Shipping Methods



If you have any question about MCT9001S, please do not hesitate to contact us!

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