

MCT271S Information


For Reference Only

Part Number [MCT271S](#)
Manufacturer Fairchild/ON Semiconductor
Category Isolators
 [Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISO 5.3KV TRANS W/BASE 6SMD
Package 6-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.


MCT271S Specifications

Manufacturer Part Number	MCT271S
Manufacturer	Fairchild/ON Semiconductor
Category	Isolators Optoisolators - Transistor, Photovoltaic Output
Package	6-SMD, Gull Wing
Series	-
Number of Channels	1
Voltage - Isolation	5300Vrms
Current Transfer Ratio (Min)	45% @ 10mA
Current Transfer Ratio (Max)	90% @ 10mA
Turn On / Turn Off Time (Typ)	1µs, 48µs
Rise / Fall Time (Typ)	-
Input Type	DC
Output Type	Transistor with Base
Voltage - Output (Max)	30V
Current - Output / Channel	50mA
Voltage - Forward (Vf) (Typ)	1.25V
Current - DC Forward (If) (Max)	100mA
Vce Saturation (Max)	400mV
Operating Temperature	-55°C ~ 100°C
Mounting Type	Surface Mount
Package / Case	6-SMD, Gull Wing
Supplier Device Package	6-SMD

[Report errors?](#)

MCT271S 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.

MCT271S Payment Methods



MCT271S Shipping Methods



If you have any question about MCT271S, please do not hesitate to contact us!

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