

TCMT1100 Information


For Reference Only

Part Number [TCMT1100](#)
Manufacturer Vishay Semiconductor Opto Division
Category Isolators
[Optoisolators - Transistor, Photovoltaic Output](#)
Description OPTOISOLATOR 3.75KV TRANS 4-SOP
Package 4-SOIC (0.173", 4.40mm)
 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.


TCMT1100 Specifications

| | |
|---------------------------------|--|
| Manufacturer Part Number | TCMT1100 |
| Manufacturer | Vishay Semiconductor Opto Division |
| Category | Isolators Optoisolators - Transistor, Photovoltaic Output |
| Package | 4-SOIC (0.173", 4.40mm) |
| Series | - |
| Number of Channels | 1 |
| Voltage - Isolation | 3750Vrms |
| Current Transfer Ratio (Min) | 50% @ 5mA |
| Current Transfer Ratio (Max) | 600% @ 5mA |
| Turn On / Turn Off Time (Typ) | 9.5μs, 8.5μs |
| Rise / Fall Time (Typ) | 5.5μs, 7μs |
| Input Type | DC |
| Output Type | Transistor |
| Voltage - Output (Max) | 70V |
| Current - Output / Channel | 50mA |
| Voltage - Forward (Vf) (Typ) | 1.35V |
| Current - DC Forward (If) (Max) | 60mA |
| Vce Saturation (Max) | 300mV |
| Operating Temperature | -40°C ~ 100°C |
| Mounting Type | Surface Mount |
| Package / Case | 4-SOIC (0.173", 4.40mm) |
| Supplier Device Package | 4-SOP |

[Report errors?](#)

TCMT1100 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.

TCMT1100 Payment Methods



TCMT1100 Shipping Methods



If you have any question about TCMT1100, please do not hesitate to contact us!

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