

C2M1000170J-TR Information


For Reference Only

Part Number [C2M1000170J-TR](#)
Manufacturer Cree/Wolfspeed
Category Discrete Semiconductor Products
[Transistors - FETs, MOSFETs - Single](#)
Description MOSFET N-CH 1700V 5.3A TO247
Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


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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.


C2M1000170J-TR Specifications

Manufacturer Part Number	C2M1000170J-TR
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single
Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Series	C2M?
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	1700V
Current - Continuous Drain (Id) @ 25°C	5.3A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	20V
Vgs(th) (Max) @ Id	3.1V @ 500µA (Typ)
Gate Charge (Qg) (Max) @ Vgs	13nC @ 20V
Input Capacitance (Ciss) (Max) @ Vds	200pF @ 1000V
Vgs (Max)	+25V, -10V
FET Feature	-
Power Dissipation (Max)	78W (Tc)
Rds On (Max) @ Id, Vgs	1.4 Ohm @ 2A, 20V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK-7
Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA

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C2M1000170J-TR 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.

C2M1000170J-TR Payment Methods



C2M1000170J-TR Shipping Methods



If you have any question about C2M1000170J-TR, please do not hesitate to contact us!

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