







	C2M0045170D	
	Manufacturer Part Number:	C2M0045170D
	Manufacturer/Brand:	Cree Wolfspeed
	Part of Description:	MOSFET NCH 1.7KV 72A TO247
	Datasheets:	 C2M0045170D.pdf
	RoHS Status:	 Lead free / RoHS
	Stock Condition:	Compliant New original, 2966 pcs Stock Available.
	Ship From:	Hong Kong
Image may be representation. See specs for product details.	Shipment Way:	DHL/Fedex/TNT/UPS/EMS

Specifications

Part Number	C2M0045170D
Manufacturer	Cree Wolfspeed
Description	MOSFET NCH 1.7KV 72A TO247
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	2966 pcs Stock
Vgs(th) (Max) @ Id	4V @ 18mA
Vgs (Max)	+25V, -10V
Technology	SiCFET (Silicon Carbide)
Supplier Device Package	TO-247-3
Series	C2M™
Rds On (Max) @ Id, Vgs	70 mOhm @ 50A, 20V
Power Dissipation (Max)	520W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-40°C ~ 150°C (TJ)
Mounting Type	Through Hole
Moisture Sensitivity Level (MSL)	Not Applicable
Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	3672pF @ 1kV
Gate Charge (Qg) (Max) @ Vgs	188nC @ 20V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	20V
Drain to Source Voltage (Vdss)	1700V
Detailed Description	N-Channel 1700V 72A (Tc) 520W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	72A (Tc)

You May Be Also Be interested

<p>In:</p>  <p>C2M0080170P Cree Wolfspeed ZFET SIC DMOSFET, 1700V VDS, RDS</p>	 <p>C2M0080120D Cree Wolfspeed MOSFET N-CH 1200V 31.6A TO247</p>	 <p>C2M0040120D Cree Wolfspeed MOSFET N-CH 1200V 60A TO-247</p>	 <p>C2M0025120D Cree/Wolfspeed MOSFET N-CH 1200V 90A TO-247</p>
 <p>C2M0080120D Cree/Wolfspeed MOSFET N-CH 1200V 31.6A TO247</p>	 <p>C2M0040120D Cree/Wolfspeed MOSFET N-CH 1200V 60A TO-247</p>	 <p>C2M0045170P Cree Wolfspeed ZFET SIC DMOSFET, 1700V VDS, RDS</p>	 <p>C2M0045170D Cree/Wolfspeed MOSFET NCH 1.7KV 72A TO247</p>

C2M0045170D Related keyword

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C2M0045170D Price	C2M0045170D Manufacturer	C2M0045170D Picture	C2M0045170D Stock	C2M0045170D Inventory
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