

	<p><b>C2M1000170J-TR</b></p>
	<p><b>Manufacturer Part Number:</b> <a href="#">C2M1000170J-TR</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Cree Wolfspeed</a></p> <p><b>Part of Description:</b> MOSFET N-CH 1700V 5.3A TO247</p> <p><b>Datasheets:</b>  <a href="#">C2M1000170J-TR.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b> Compliant New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">C2M1000170J-TR</a>
Manufacturer	<a href="#">Cree Wolfspeed</a>
Description	MOSFET N-CH 1700V 5.3A TO247
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	<a href="#">Require For Quote &amp; Check Stock</a>
Vgs(th) (Max) @ Id	3.1V @ 500µA (Typ)
Vgs (Max)	+25V, -10V
Technology	SiCFET (Silicon Carbide)
Supplier Device Package	D2PAK-7
Series	C2M™
Rds On (Max) @ Id, Vgs	1.4 Ohm @ 2A, 20V
Power Dissipation (Max)	78W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	52 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	200pF @ 1000V
Gate Charge (Qg) (Max) @ Vgs	13nC @ 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 5.3A (Tc) 78W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	5.3A (Tc)

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