


 <b>Wolfspeed.</b> A CREE COMPANY	<b>C3M0280090J-TR</b>
	<b>Manufacturer Part Number:</b> C3M0280090J-TR <b>Manufacturer/Brand:</b> Cree Wolfspeed <b>Part of Description:</b> MOSFET N-CH 900V 11A <b>Datasheets:</b>  <a href="#">C3M0280090J-TR.pdf</a> <b>RoHS Status:</b>  Lead free / RoHS <b>Stock Condition:</b> Compliant New original, Stock Available. <b>Ship From:</b> Hong Kong <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS
	
Image may be representation. See specs for product details.	

### Specifications

Part Number	C3M0280090J-TR
Manufacturer	Cree Wolfspeed
Description	MOSFET N-CH 900V 11A
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	3.5V @ 1.2mA
Vgs (Max)	+18V, -8V
Technology	SiCFET (Silicon Carbide)
Supplier Device Package	D2PAK-7
Series	C3M™
Rds On (Max) @ Id, Vgs	360 mOhm @ 7.5A, 15V
Power Dissipation (Max)	50W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	TO-263-8, D <sup>2</sup> Pak (7 Leads + Tab), TO-263CA
Other Names	C3M0280090J-TRTR
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	26 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	150pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	9.5nC @ 15V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	15V
Drain to Source Voltage (Vdss)	900V
Detailed Description	N-Channel 900V 11A (Tc) 50W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	11A (Tc)

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