



	C3M0120090D
	Manufacturer Part Number: C3M0120090D
Manufacturer/Brand: Cree Wolfspeed	Part of Description: 900V, 120 MOHM, G3 SIC MOSFET
Datasheets:  C3M0120090D.pdf	RoHS Status:  Lead free / RoHS
Stock Condition: Compliant New original, 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	C3M0120090D
Manufacturer	Cree Wolfspeed
Description	900V, 120 MOHM, G3 SIC MOSFET
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	3.5V @ 3mA
Vgs (Max)	+18V, -8V
Technology	SICFET (Silicon Carbide)
Supplier Device Package	TO-247-3
Series	C3M™
Rds On (Max) @ Id, Vgs	155 mOhm @ 15A, 15V
Power Dissipation (Max)	97W (Tc)
Packaging	Tube
Package / Case	TO-247-3
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
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	350pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	17.3nC @ 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 23A (Tc) 97W (Tc) Through Hole TO-
Current - Continuous Drain (Id) @ 25°C	23A (Tc)

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 C3M0075120K Cree/Wolfspeed MOSFET N-CH SICFET 1.2KV TO247-4	 C3M0075120J Cree Wolfspeed MOSFET N-CH 1200V 30A D2PAK-7	 C3M0075120J-TR Cree Wolfspeed 1200V, 75 MOHM, G3 SIC MOSFET ON	 C3M0120090J-TR Cree Wolfspeed MOSFET N-CH 900V 22A

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C3M0120090D Price	C3M0120090D Manufacturer	C3M0120090D Picture	C3M0120090D Stock	C3M0120090D Inventory
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