








	<p>C3M0120100J</p>
	<p>Manufacturer Part Number: C3M0120100J</p> <hr/> <p>Manufacturer/Brand: Cree</p> <hr/> <p>Part of Description: 1000V, 120 MOHM, G3 SIC MOSFET</p> <hr/> <p>Datasheets:  C3M0120100J.pdf</p> <hr/> <p>RoHs Status:  Lead free / RoHS</p> <hr/> <p>Stock Condition: Compliant New original, Stock Available.</p> <hr/> <p>Ship From: Hong Kong</p> <hr/> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	C3M0120100J
Manufacturer	Cree
Description	1000V, 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)	+15V, -4V
Technology	SiC (Silicon Carbide Junction Transistor)
Supplier Device Package	D2PAK-7
Series	C3M™
Rds On (Max) @ Id, Vgs	155 mOhm @ 15A, 15V
Power Dissipation (Max)	83W (Tc)
Packaging	Tube
Package / Case	TO-263-8, D ² Pak (7 Leads + Tab), TO-263CA
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Input Capacitance (Ciss) (Max) @ Vds	350pF @ 600V
Gate Charge (Qg) (Max) @ Vgs	21.5nC @ 15V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	15V
Drain to Source Voltage (Vdss)	1000V (1kV)
Current - Continuous Drain (Id) @ 25°C	22A (Tc)

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 <p>C3M0120100J Cree Wolfspeed MOSFET N-CH 1000V 22A D2PAK-7</p>	 <p>C3M0120090J-TR Cree/Wolfspeed MOSFET N-CH 900V 22A</p>	 <p>C3M0120100K Cree Wolfspeed MOSFET N-CH 1000V 22A TO247-4L</p>	 <p>C3M0120090J-TR Cree Wolfspeed MOSFET N-CH 900V 22A</p>

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