

	<h2 style="color: #E67E22;">C3M0120100K</h2>	
	<b>Manufacturer Part Number:</b>	<a href="#">C3M0120100K</a>
	<b>Manufacturer/Brand:</b>	<a href="#">Cree</a>
	<b>Part of Description:</b>	1000V, 120 MOHM, G3 SIC MOSFET
<b>Datasheets:</b>	 <a href="#">C3M0120100K.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	C3M0120100K
Manufacturer	Cree
Description	1000V, 120 MOHM, G3 SIC MOSFET
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	3.5V @ 3mA
Vgs (Max)	±15V
Technology	SICFET (Silicon Carbide)
Series	C3M™
Rds On (Max) @ Id, Vgs	170 mOhm @ 15A, 15V
Power Dissipation (Max)	83W (Tc)
Packaging	Tube
Package / Case	4-SIP
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Through Hole
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

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<b>In:</b>  <b>C3M0280090D</b> Cree Wolfspeed MOSFET N-CH 900V 11.5A	 <b>C3M0280090J</b> Cree Wolfspeed MOSFET N-CH 900V 11A	 <b>C3M0120100J</b> Cree/Wolfspeed 1000V, 120 MOHM, G3 SIC MOSFET	 <b>C3M0280090D</b> Cree/Wolfspeed MOSFET N-CH 900V 11.5A
 <b>C3M0120100K</b> Cree Wolfspeed MOSFET N-CH 1000V 22A TO247- 4L	 <b>C3M0120090J-TR</b> Cree Wolfspeed MOSFET N-CH 900V 22A	 <b>C3M0280090J</b> Cree/Wolfspeed MOSFET N-CH 900V 11A	 <b>C3M0120100J</b> Cree Wolfspeed MOSFET N-CH 1000V 22A D2PAK- 7

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C3M0120100K Price	C3M0120100K Manufacturer	C3M0120100K Picture	C3M0120100K Stock	C3M0120100K Inventory
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