








	<p>C3M0075120J</p>
	<p>Manufacturer Part Number: C3M0075120J</p> <p>Manufacturer/Brand: Cree Wolfspeed</p> <p>Part of Description: MOSFET N-CH 1200V 30A D2PAK-7</p> <p>Datasheets:  C3M0075120J.pdf</p> <p>RoHs Status:</p> <p>Stock Condition: New original, Stock Available.</p> <p>Ship From: Hong Kong</p> <p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

Specifications

Part Number	C3M0075120J
Manufacturer	Cree Wolfspeed
Description	MOSFET N-CH 1200V 30A D2PAK-7
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	4V @ 5mA
Vgs (Max)	+19V, -8V
Technology	SICFET (Silicon Carbide)
Supplier Device Package	D2PAK-7
Series	C3M™
Rds On (Max) @ Id, Vgs	90 mOhm @ 20A, 15V
Power Dissipation (Max)	113.6W (Tc)
Packaging	Bulk
Package / Case	TO-263-8, D²Pak (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	26 Weeks
Input Capacitance (Ciss) (Max) @ Vds	1350pF @ 1000V
Gate Charge (Qg) (Max) @ Vgs	51nC @ 15V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	15V
Drain to Source Voltage (Vdss)	1200V
Detailed Description	N-Channel 1200V 30A (Tc) 113.6W (Tc) Surface Mount
Current - Continuous Drain (Id) @ 25°C	30A (Tc)

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 <p>C3M0075120J-TR Cree Wolfspeed 1200V, 75 MOHM, G3 SIC MOSFET ON</p>	 <p>C3M0075120K Cree/Wolfspeed MOSFET N-CH SICFET 1.2KV TO247-4</p>	 <p>C3M0065100J-TR Cree/Wolfspeed 1000V, 65 MOHM, G3 SIC MOSFET</p>	 <p>C3M0065100J Cree Wolfspeed MOSFET N-CH 1000V 35A D2PAK-7</p>

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