C3M0120090J

C3M0120090J Information

For Reference Only

Part Number C3M0120090J
Manufacturer Cree/Wolfspeed
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 900V 22A
Package TO-263-8, D2Pak (7 Leads + Tab), TO-263CA

For the pricing/inventory/lead time, please contact us
Website: https://www.heisener.com
E-mail: salesdept@heisener.com

Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.

C3M0120090J Specifications

Manufacturer Part Number	C3M0120090J
Manufacturer	Cree/Wolfspeed
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
Series	C3M?
FET Type	N-Channel
Technology	SiCFET (Silicon Carbide)
Drain to Source Voltage (Vdss)	900V
Current - Continuous Drain (Id) @ 25°C	22A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	15V
Vgs(th) (Max) @ Id	3.5V @ 3mA
Gate Charge (Qg) (Max) @ Vgs	17.3nC @ 15V
Input Capacitance (Ciss) (Max) @ Vds	350pF @ 600V
Vgs (Max)	+18V, -8V
FET Feature	-
Power Dissipation (Max)	83W (Tc)
Rds On (Max) @ Id, Vgs	155 mOhm @ 15A, 15V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	D2PAK-7
Package / Case	TO-263-8, D2Pak (7 Leads + Tab), TO-263CA
	Report errors?

C3M0120090J Guarantees

Quality Guarantees
We provide 90 days warranty. *
If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.

Service Guarantees
We guarantee 100% customer satisfaction.
Our experienced sales team and tech support team back our services to satisfy all our customers.

C3M0120090J Payment Methods

C3M0120090J Shipping Methods

If you have any question about C3M0120090J, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com