






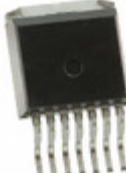





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|  Wolfspeed. A CREE COMPANY | C3M0120100J |
| | Manufacturer Part Number: C3M0120100J Manufacturer/Brand: Cree Wolfspeed Part of Description: MOSFET N-CH 1000V 22A D2PAK-7 Datasheets:  C3M0120100J.pdf RoHS Status:  Lead free / RoHS Stock Condition: Compliant New original, 2680 pcs Stock Available. Ship From: Hong Kong Shipment Way: DHL/Fedex/TNT/UPS/EMS |
|  | |
| Image may be representation. See specs for product details. | |

Specifications

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| Part Number | C3M0120100J |
| Manufacturer | Cree Wolfspeed |
| Description | MOSFET N-CH 1000V 22A D2PAK-7 |
| Category | Discrete Semiconductor Products > Transistors - FETs , |
| Part Status | 2680 pcs Stock |
| Vgs(th) (Max) @ Id | 3.5V @ 3mA |
| Vgs (Max) | +15V, -4V |
| Technology | SiCFET (Silicon Carbide) |
| 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 |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 26 Weeks |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| 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 |
| Detailed Description | N-Channel 1000V 22A (Tc) 83W (Tc) Surface Mount |
| Current - Continuous Drain (Id) @ 25°C | 22A (Tc) |

You May Be Also Be interested

| | | | |
|---|---|---|---|
| In:  C3M0280090J Cree Wolfspeed MOSFET N-CH 900V 11A |  C3M0120090J Cree/Wolfspeed MOSFET N-CH 900V 22A |  C3M0280090D Cree/Wolfspeed MOSFET N-CH 900V 11.5A |  C3M0120090J Cree Wolfspeed MOSFET N-CH 900V 22A |
|  C3M0120090J-TR Cree/Wolfspeed MOSFET N-CH 900V 22A |  C3M0120100K Cree Wolfspeed MOSFET N-CH 1000V 22A TO247-4L |  C3M0120090J-TR Cree Wolfspeed MOSFET N-CH 900V 22A |  C3M0280090D Cree Wolfspeed MOSFET N-CH 900V 11.5A |

C3M0120100J Related keyword

More

| | | | | |
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| C3M0120100J Cree Wolfspeed | C3M0120100J Data Sheet | C3M0120100J Datasheets | C3M0120100J PDF | Cree Wolfspeed C3M0120100J |
| C3M0120100J Electronic | C3M0120100J Components | C3M0120100J Distributor | C3M0120100J Image | C3M0120100J Part |
| C3M0120100J Price | C3M0120100J Manufacturer | C3M0120100J Picture | C3M0120100J Stock | C3M0120100J Inventory |
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