
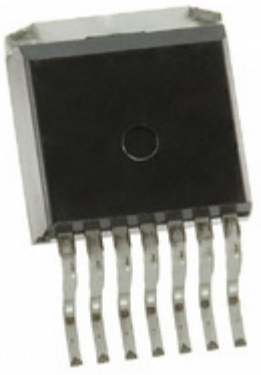




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| <br> | <b>C2M1000170J</b>   |
|  | <b>Manufacturer Part Number:</b> C2M1000170J<br><b>Manufacturer/Brand:</b> Cree Wolfspeed<br><b>Part of Description:</b> MOSFET N-CH 1700V 5.3A TO247<br><b>Datasheets:</b>  <a href="#">C2M1000170J.pdf</a><br><b>RoHS Status:</b>  Lead free / RoHS<br><b>Stock Condition:</b> Compliant<br>New original, 2558 pcs Stock Available.<br><b>Ship From:</b> Hong Kong<br><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS |
| <p>Image may be representation.<br/>See specs for product details.</p>   |  |

### Specifications

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|--|--|
| Part Number                            | C2M1000170J  |
| Manufacturer                           | Cree Wolfspeed   |
| Description                            | MOSFET N-CH 1700V 5.3A TO247   |
| Category                               | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> , |
| Part Status                            | 2558 pcs Stock   |
| Vgs(th) (Max) @ Id                     | 3.1V @ 500µA (Typ)   |
| Vgs (Max)                              | +25V, -10V   |
| Technology                             | SiCFET (Silicon Carbide)   |
| Supplier Device Package                | D2PAK (7-Lead)   |
| Series                                 | C2M™   |
| Rds On (Max) @ Id, Vgs                 | 1.4 Ohm @ 2A, 20V  |
| Power Dissipation (Max)                | 78W (Tc)   |
| Packaging                              | Bulk   |
| Package / Case                         | TO-263-7 (Straight Leads)  |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Surface Mount  |
| Moisture Sensitivity Level (MSL)       | 1 (Unlimited)  |
| Manufacturer Standard Lead Time        | 52 Weeks   |
| Lead Free Status / RoHS Status         | Lead free / RoHS Compliant   |
| Input Capacitance (Ciss) (Max) @ Vds   | 200pF @ 1000V  |
| Gate Charge (Qg) (Max) @ Vgs           | 13nC @ 20V   |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 20V  |
| Drain to Source Voltage (Vdss)         | 1700V  |
| Detailed Description                   | N-Channel 1700V 5.3A (Tc) 78W (Tc) Surface Mount                                       |
| Current - Continuous Drain (Id) @ 25°C | 5.3A (Tc)  |

### You May Be Also Be interested

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| <p>In:</p>  <p><b>C2M0280120D</b><br/>Cree/Wolfspeed<br/>MOSFET N-CH 1200V 10A TO-247-3</p> |  <p><b>C2M1000170D</b><br/>Cree Wolfspeed<br/>MOSFET N-CH 1700V 4.9A TO247</p> |  <p><b>C2M1000170J-TR</b><br/>Cree/Wolfspeed<br/>MOSFET N-CH 1700V 5.3A TO247</p> |  <p><b>C2M1000170J-TR</b><br/>Cree Wolfspeed<br/>MOSFET N-CH 1700V 5.3A TO247</p> |
|  <p><b>C2M0280120 D</b><br/>CREE<br/>CREE TO247</p>   |  <p><b>C2M0160120D</b><br/>Cree Wolfspeed<br/>MOSFET N-CH 1200V 19A TO-247</p> |  <p><b>C2M0160120D</b><br/>Cree/Wolfspeed<br/>MOSFET N-CH 1200V 17.7A TO-247</p>  |  <p><b>C2M0280120D</b><br/>Cree Wolfspeed<br/>MOSFET N-CH 1200V 10A TO-247-3</p>  |

### C2M1000170J Related keyword

More

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