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|---|---|
|   | <p><b>Manufacturer Part Number:</b> <a href="#">APT41M80L</a></p>   |
|   | <p><b>Manufacturer/Brand:</b> <a href="#">Microsemi</a></p>   |
|    | <p><b>Part of Description:</b> MOSFET N-CH 800V 43A TO-264</p>  |
|   | <p><b>Datasheets:</b>  <a href="#">APT41M80L.pdf</a></p> |
| <p><b>RoHS Status:</b>  Lead free / RoHS</p> | <p><b>Stock Condition:</b> Compliant<br/>New original, 95 pcs Stock Available.</p>  |
| <p><b>Ship From:</b> Hong Kong</p>  | <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>   |
| <p>Image may be representation.<br/>See specs for product details.</p>  |   |

### Specifications

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|--|--|
| Part Number                            | <a href="#">APT41M80L</a>  |
| Manufacturer                           | <a href="#">Microsemi</a>  |
| Description                            | MOSFET N-CH 800V 43A TO-264  |
| Category                               | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> , |
| Part Status                            | 95 pcs Stock   |
| Vgs(th) (Max) @ Id                     | 5V @ 2.5mA   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | TO-264 [L]   |
| Series                                 | POWER MOS 8™   |
| Rds On (Max) @ Id, Vgs                 | 210 mOhm @ 20A, 10V  |
| Power Dissipation (Max)                | 1040W (Tc)   |
| Packaging                              | Tube   |
| Package / Case                         | TO-264-3, TO-264AA   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Input Capacitance (Ciss) (Max) @ Vds   | 8070pF @ 25V   |
| Gate Charge (Qg) (Max) @ Vgs           | 260nC @ 10V  |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drain to Source Voltage (Vdss)         | 800V   |
| Current - Continuous Drain (Id) @ 25°C | 43A (Tc)   |

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