














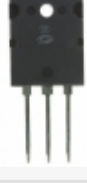

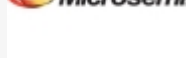






## APT6010B2LLG

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|--|--|--|
|   |  <p><b>Part Number:</b> <a href="#">APT6010B2LLG</a></p> <p><b>Manufacturer:</b> <a href="#">Microsemi Corporation</a></p> <p><b>Description:</b> MOSFET N-CH 600V 54A T-MAX</p> <p><b>Data sheet:</b>  <a href="#">APT6010(B2,L)LL(G)</a></p> | <p><b>RoHS Status:</b> Lead free / RoHS Compliant</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Images are for reference only.<br/>See Product Specifications for product details.<br/><b>Buy APT6010B2LLG with confidence from Components-Store.com, 1 Year Warranty</b></p> |  | <a href="#" style="background-color: #007bff; color: white; padding: 5px 10px; border-radius: 3px;">Request For Quotation</a>              |

| PRODUCT PARAMETER                      |  |
|--|--|
| Part Number                            | <a href="#">APT6010B2LLG</a>                               |
| Manufacturer                           | <a href="#">Microsemi Corporation</a>                      |
| Description                            | MOSFET N-CH 600V 54A T-MAX                                 |
| Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                                 |
| Quantity Available                     | 3428 pcs   |
| Product Photo                          | <a href="#">APT6010B2LLG.jpg</a>                           |
| Category                               | <a href="#">Discrete Semiconductor Products</a>            |
| Voltage - Test                         | 6710pF @ 25V   |
| Voltage - Breakdown                    | T-MAX™ [B2]  |
| Vgs(th) (Max) @ Id                     | 100 mOhm @ 27A, 10V  |
| Technology                             | MOSFET (Metal Oxide)                                       |
| Series                                 | POWER MOS 7@   |
| RoHS Status                            | Tube   |
| Rds On (Max) @ Id, Vgs                 | 54A (Tc)   |
| Polarization                           | TO-247-3 Variant   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Moisture Sensitivity Level (MSL)       | 1 (Unlimited)  |
| Manufacturer Part Number               | APT6010B2LLG   |
| Input Capacitance (Ciss) (Max) @ Vds   | 150nC @ 10V  |
| Gate Charge (Qg) (Max) @ Vgs           | 5V @ 2.5mA   |
| FET Feature                            | N-Channel  |
| Expanded Description                   | N-Channel 600V 54A (Tc) 690W (Tc) Through Hole T-MAX™ [B2] |
| Drain to Source Voltage (Vdss)         | -  |
| Description                            | MOSFET N-CH 600V 54A T-MAX                                 |
| Current - Continuous Drain (Id) @ 25°C | 600V   |
| Capacitance Ratio                      | 690W (Tc)  |

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RFQ Email: [info@Components-Store.com](mailto:info@Components-Store.com)

| RELATED PRODUCTS  |  |
|---|--|
| <br><b>Part#:</b> <a href="#">APT5SM170S</a><br><b>Description:</b> MOSFET N-CH 700V D3PAK            | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 5212</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58M50JCU3</a><br><b>Description:</b> MOSFET N-CH 500V 58A SOT227     | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4265</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58M80J</a><br><b>Description:</b> MOSFET N-CH 800V 58A SOT-227       | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 1999</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT6017LLLG</a><br><b>Description:</b> MOSFET N-CH 600V 35A TO-264      | <p><b>Manufacturers:</b> <a href="#">Microsemi Corporation</a></p> <p><b>In Stock:</b> 9725</p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
| <br><b>Part#:</b> <a href="#">APT6013JLL</a><br><b>Description:</b> MOSFET N-CH 600V 39A SOT-227      | <p><b>Manufacturers:</b> <a href="#">Microsemi Corporation</a></p> <p><b>In Stock:</b> 4536</p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
| <br><b>Part#:</b> <a href="#">APT58M50J</a><br><b>Description:</b> MOSFET N-CH 500V 58A SOT-227       | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4210</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58MJ50J</a><br><b>Description:</b> MOSFET N-CH 500V 58A ISOTOP       | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4811</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT60D100BG</a><br><b>Description:</b> DIODE GEN PURP 1KV 60A TO247     | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 27456</p> <p style="text-align: right;"><a href="#">RFQ</a></p>             |
| <br><b>Part#:</b> <a href="#">APT5F100K</a><br><b>Description:</b> MOSFET N-CH 1000V 5A TO-220        | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 5621</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58M50JU2</a><br><b>Description:</b> MOSFET N-CH 500V 58A SOT227      | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4473</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT6040BN</a><br><b>Description:</b> MOSFET N-CH 600V 18A TO247AD       | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 5053</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58M50JCU2</a><br><b>Description:</b> MOSFET N-CH 500V 59A SOT227     | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 3635</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT5SM170B</a><br><b>Description:</b> MOSFET N-CH 700V TO247            | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 5127</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT60D100LCTG</a><br><b>Description:</b> DIODE ARRAY GP 1000V 60A TO264 | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 8361</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT6013LLLG</a><br><b>Description:</b> MOSFET N-CH 600V 43A TO-264      | <p><b>Manufacturers:</b> <a href="#">Microsemi Corporation</a></p> <p><b>In Stock:</b> 6807</p> <p style="text-align: right;"><a href="#">RFQ</a></p>  |
| <br><b>Part#:</b> <a href="#">APT6030BN</a><br><b>Description:</b> MOSFET N-CH 600V 23A TO247AD       | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4526</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT6017LFLLG</a><br><b>Description:</b> MOSFET N-CH 600V 35A TO-264     | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 4856</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT60D100SG</a><br><b>Description:</b> DIODE GEN PURP 1KV 60A D3        | <p><b>Manufacturers:</b> <a href="#">Microsemi Corporation</a></p> <p><b>In Stock:</b> 15348</p> <p style="text-align: right;"><a href="#">RFQ</a></p> |
| <br><b>Part#:</b> <a href="#">APT6040BNG</a><br><b>Description:</b> MOSFET N-CH 600V 18A TO247AD      | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 5851</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |
| <br><b>Part#:</b> <a href="#">APT58M50JU3</a><br><b>Description:</b> MOSFET N-CH 500V 58A SOT-227     | <p><b>Manufacturers:</b> <a href="#">Microsemi</a></p> <p><b>In Stock:</b> 3765</p> <p style="text-align: right;"><a href="#">RFQ</a></p>              |

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