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|  | <h2 style="color: red;">APT6010B2LLG</h2> | |
| | Manufacturer Part Number: | APT6010B2LLG |
|  | Manufacturer/Brand: | Microsemi |
| | Part of Description: | MOSFET N-CH 600V 54A T-MAX |
| Datasheets: |  APT6010B2LLG.pdf | |
| RoHS Status: |  Lead free / RoHS | |
| Stock Condition: | Compliant New original, Stock Available. | |
| Ship From: | Hong Kong | |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS | |
| <p>Image may be representation. See specs for product details.</p> | | |









Specifications

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| Part Number | APT6010B2LLG |
| Manufacturer | Microsemi |
| Description | MOSFET N-CH 600V 54A T-MAX |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 5V @ 2.5mA |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | T-MAX™ [B2] |
| Series | POWER MOS 7® |
| Rds On (Max) @ Id, Vgs | 100 mOhm @ 27A, 10V |
| Power Dissipation (Max) | 690W (Tc) |
| Packaging | Tube |
| Package / Case | TO-247-3 Variant |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Input Capacitance (Ciss) (Max) @ Vds | 6710pF @ 25V |
| Gate Charge (Qg) (Max) @ Vgs | 150nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drain to Source Voltage (Vdss) | 600V |
| Current - Continuous Drain (Id) @ 25°C | 54A (Tc) |

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