



RS1G180MNTB

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| Manufacturer Part Number: | RS1G180MNTB |
| Manufacturer / Brand: | LAPIS Semiconductor |
| Part of Description: | MOSFET N-CH 40V 18A 8HSOP |
| Datasheets: | RS1G180MNTB(1).pdf RS1G180MNTB(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 2500 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of RS1G180MNTB

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| Part Number | RS1G180MNTB | Manufacturer / Brand | LAPIS Semiconductor |
| Series | - | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | 8-PowerTDFN | Packaging | Tape & Reel (TR) |
| Mounting Type | Surface Mount | Supplier Device Package | 8-HSOP |
| Operating Temperature | 150°C (TJ) | Detailed Description | N-Channel 40V 18A (Ta), 80A (Tc) 3W (Ta), 30W (Tc) Surface Mount 8- HSOP |
| Technology | MOSFET (Metal Oxide) | Power Dissipation (Max) | 3W (Ta), 30W (Tc) |
| FET Type | N-Channel | FET Feature | - |
| Drain to Source Voltage (Vdss) | 40V | Current - Continuous Drain (Id) @ 25°C | 18A (Ta), 80A (Tc) |
| Rds On (Max) @ Id, Vgs | 7 mOhm @ 18A, 10V | Vgs(th) (Max) @ Id | 2.5V @ 1mA |
| Gate Charge (Qg) (Max) @ Vgs | 19.5nC @ 10V | Input Capacitance (Ciss) (Max) @ Vds | 1293pF @ 20V |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V | Vgs (Max) | ±20V |
| Stock Quantity | 2500 pcs Stock | Category | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single |
| Description | MOSFET N-CH 40V 18A 8HSOP | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords related to RS1G180MNTB

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