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|  life.augmented | Manufacturer Part Number: STW12NM60N |
| | Manufacturer/Brand: STMicroelectronics |
|  | Part of Description: MOSFET N-CH 600V 10A TO-247 |
| | Datasheets:  STW12NM60N.pdf |
| RoHS Status:  Lead free / RoHS | Stock Condition: Compliant New original, 10000 pcs Stock Available. |
| Ship From: Hong Kong | Shipment Way: DHL/Fedex/TNT/UPS/EMS |
| Image may be representation. See specs for product details. | |

Specifications

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| Part Number | STW12NM60N |
| Manufacturer | STMicroelectronics |
| Description | MOSFET N-CH 600V 10A TO-247 |
| Category | Discrete Semiconductor Products > Transistors - FETs , |
| Part Status | 10000 pcs Stock |
| Vgs(th) (Max) @ Id | 4V @ 250µA |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | TO-247-3 |
| Series | MDmesh™ |
| Rds On (Max) @ Id, Vgs | 410 mOhm @ 5A, 10V |
| Power Dissipation (Max) | 90W (Tc) |
| Packaging | Tube |
| Package / Case | TO-247-3 |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Through Hole |
| Input Capacitance (Ciss) (Max) @ Vds | 960pF @ 50V |
| Gate Charge (Qg) (Max) @ Vgs | 30.5nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drain to Source Voltage (Vdss) | 600V |
| Current - Continuous Drain (Id) @ 25°C | 10A (Tc) |

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