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|  life.augmented | Manufacturer Part Number: STB6N80K5 |
| | Manufacturer/Brand: STMicroelectronics |
|  Image may be representation. See specs for product details. | Part of Description: MOSFET N-CH 800V 4.5A D2PAK |
| | Datasheets:  STB6N80K5.pdf |
| | RoHs Status:  Lead free / RoHS |
| | Stock Condition: Compliant New original, Stock Available. |
| | Ship From: Hong Kong |
| | Shipment Way: DHL/Fedex/TNT/UPS/EMS |

Specifications

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| Part Number | STB6N80K5 |
| Manufacturer | STMicroelectronics |
| Description | MOSFET N-CH 800V 4.5A D2PAK |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 5V @ 100µA |
| Vgs (Max) | 30V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | D2PAK |
| Series | SuperMESH5™ |
| Rds On (Max) @ Id, Vgs | 1.6 Ohm @ 2A, 10V |
| Power Dissipation (Max) | 85W (Tc) |
| Packaging | Tape & Reel (TR) |
| Package / Case | TO-263-3, D²Pak (2 Leads + Tab), TO-263AB |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Input Capacitance (Ciss) (Max) @ Vds | 255pF @ 100V |
| Gate Charge (Qg) (Max) @ Vgs | 7.5nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 10V |
| Drain to Source Voltage (Vdss) | 800V |
| Current - Continuous Drain (Id) @ 25°C | 4.5A (Tc) |

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