







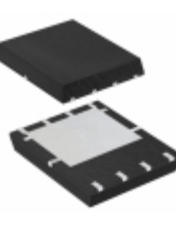
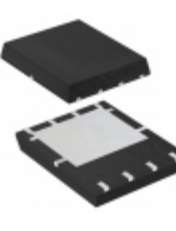



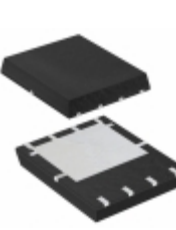
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|  | DMTH6005LPSQ-13 |
| | Manufacturer Part Number: DMTH6005LPSQ-13 |
|  | Manufacturer/Brand: Diodes Incorporated |
| | Part of Description: MOSFET N-CH 60V 100A POWERDI506 |
| Datasheets:  DMTH6005LPSQ-13.pdf | RoHs Status:  Lead free / RoHS |
| Stock Condition: Compliant New original, Stock Available. | Ship From: Hong Kong |
| Image may be representation. See specs for product details. | Shipment Way: DHL/Fedex/TNT/UPS/EMS |

Specifications

| | |
|--|--|
| Part Number | DMTH6005LPSQ-13 |
| Manufacturer | Diodes Incorporated |
| Description | MOSFET N-CH 60V 100A POWERDI506 |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 3V @ 250µA |
| Vgs (Max) | ±20V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | PowerDI5060-8 |
| Series | - |
| Rds On (Max) @ Id, Vgs | 5.5 mOhm @ 50A, 10V |
| Power Dissipation (Max) | 3.2W (Ta), 150W (Tc) |
| Packaging | Tape & Reel (TR) |
| Package / Case | 8-PowerTDFN |
| Operating Temperature | -55°C ~ 175°C (TJ) |
| Mounting Type | Surface Mount |
| Input Capacitance (Ciss) (Max) @ Vds | 2962pF @ 30V |
| Gate Charge (Qg) (Max) @ Vgs | 47.1nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Drain to Source Voltage (Vdss) | 60V |
| Current - Continuous Drain (Id) @ 25°C | 20.6A (Ta), 100A (Tc) |

DMTH6005LPSQ-13 Electronic Components is 100% New Original from YIC Distributor, Search DMTH6005LPSQ-13 Datasheets, PDF, Inventory at Y-IC.com Online, Order DMTH6005LPSQ-13 Diodes Incorporated with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.
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