







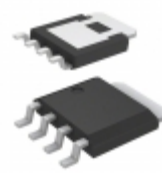





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|  | Manufacturer Part Number: PSMN0R7-25YLDX |
| | Manufacturer/Brand: Nexperia |
|  | Part of Description: MOSFET N-CH 25V LFPAK56 |
| | Datasheets:  PSMN0R7-25YLDX.pdf |
| RoHS Status:  Lead free / RoHS | Stock Condition: Compliant New original, Stock Available. |
| Ship From: Hong Kong | Shipment Way: DHL/Fedex/TNT/UPS/EMS |
| Image may be representation. See specs for product details. | |

Specifications

| | |
|--|---|
| Part Number | PSMN0R7-25YLDX |
| Manufacturer | Nexperia |
| Description | MOSFET N-CH 25V LFPAK56 |
| Category | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status | Require For Quote & Check Stock |
| Vgs(th) (Max) @ Id | 2.2V @ 1mA |
| Vgs (Max) | ±20V |
| Technology | MOSFET (Metal Oxide) |
| Supplier Device Package | LFPAK56, Power-SO8 |
| Series | - |
| Rds On (Max) @ Id, Vgs | 0.72 mOhm @ 25A, 10V |
| Power Dissipation (Max) | 158W (Tc) |
| Packaging | Tape & Reel (TR) |
| Package / Case | SOT-1023, 4-LFPAK |
| Operating Temperature | -55°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Input Capacitance (Ciss) (Max) @ Vds | 8320pF @ 12V |
| Gate Charge (Qg) (Max) @ Vgs | 110.2nC @ 10V |
| FET Type | N-Channel |
| FET Feature | - |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V |
| Drain to Source Voltage (Vdss) | 25V |
| Current - Continuous Drain (Id) @ 25°C | 300A (Tc) |

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|  <p>PSMN075-100MSEX Nexperia USA Inc. MOSFET N-CH 100V 18A LFPAK33</p> |  <p>PSMN070-200P,127 Nexperia USA Inc. MOSFET N-CH 200V 35A TO220AB</p> |  <p>PSMN075-100MSE VSSOP8 VSSOP8 NXP</p> |  <p>PSMN085-150K NXP PSMN085-150K NXP</p> |

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Contact us: Info@Y-IC.com

ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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