







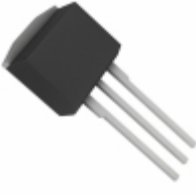



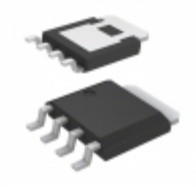

|   |  |
|---|--|
|   | <b>PSMN1R1-30PL,127</b>  |
|   | <b>Manufacturer Part Number:</b> <a href="#">PSMN1R1-30PL,127</a>  |
|    | <b>Manufacturer/Brand:</b> Nexperia  |
|   | <b>Part of Description:</b> MOSFET N-CH 30V 120A TO220AB   |
| <b>Datasheets:</b>  <a href="#">PSMN1R1-30PL,127.pdf</a> | <b>RoHs Status:</b>  Lead free / RoHS |
| <b>Stock Condition:</b> Compliant<br>New original, Stock Available.   | <b>Ship From:</b> Hong Kong  |
| <b>Image may be representation.<br/>See specs for product details.</b>  | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS   |

### Specifications

|  |  |
|--|--|
| Part Number                            | PSMN1R1-30PL,127   |
| Manufacturer                           | Nexperia   |
| Description                            | MOSFET N-CH 30V 120A TO220AB   |
| Category                               | <a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a> |
| Part Status                            | <a href="#">Require For Quote &amp; Check Stock</a>                      |
| Vgs(th) (Max) @ Id                     | 2.2V @ 1mA   |
| Vgs (Max)                              | ±20V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | TO-220AB   |
| Series                                 | -  |
| Rds On (Max) @ Id, Vgs                 | 1.3 mOhm @ 25A, 10V  |
| Power Dissipation (Max)                | 338W (Tc)  |
| Packaging                              | Tube   |
| Package / Case                         | TO-220-3   |
| Operating Temperature                  | -55°C ~ 175°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Input Capacitance (Ciss) (Max) @ Vds   | 14850pF @ 15V  |
| Gate Charge (Qg) (Max) @ Vgs           | 243nC @ 10V  |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V  |
| Drain to Source Voltage (Vdss)         | 30V  |
| Current - Continuous Drain (Id) @ 25°C | 120A (Tc)  |

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|  <p><b>PSMN1R2-25YLC</b><br/>NXP<br/>PSMN1R2-25YLC NXP</p>                   |  <p><b>PSMN1R2-25YL,115</b><br/>Nexperia USA Inc.<br/>MOSFET N-CH 25V 100A LFPACK</p> |  <p><b>PSMN1R0-40YLDX</b><br/>Nexperia USA Inc.<br/>MOSFET N-CH 40V 100A LFPACK</p>  |  <p><b>PSMN1R2-25YL</b><br/>NXP<br/>PSMN1R2-25YL NXP</p> |

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