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|   | <b>PMPB20XNEAZ</b>   |
|   | <b>Manufacturer Part Number:</b> PMPB20XNEAZ   |
|  | <b>Manufacturer/Brand:</b> Nexperia  |
|   | <b>Part of Description:</b> MOSFET N-CH 20V SOT1220  |
|  | <b>Datasheets:</b>  <a href="#">PMPB20XNEAZ.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. See specs for product details.</b>                | <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS   |









**Specifications**

|  |   |
|--|---|
| Part Number                            | PMPB20XNEAZ   |
| Manufacturer                           | Nexperia  |
| Description                            | MOSFET N-CH 20V SOT1220                               |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | Require For Quote & Check Stock                       |
| Vgs(th) (Max) @ Id                     | 1.25V @ 250µA   |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Supplier Device Package                | 6-DFN2020MD (2x2)                                     |
| Series                                 | Automotive, AEC-Q101                                  |
| Rds On (Max) @ Id, Vgs                 | 20 mOhm @ 7.5A, 4.5V                                  |
| Power Dissipation (Max)                | 460mW (Ta), 12.5W (Tc)                                |
| Packaging                              | Tape & Reel (TR)                                      |
| Package / Case                         | 6-UDFN Exposed Pad                                    |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                    |
| Mounting Type                          | Surface Mount   |
| Input Capacitance (Ciss) (Max) @ Vds   | 930pF @ 10V   |
| Gate Charge (Qg) (Max) @ Vgs           | 15nC @ 4.5V   |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drain to Source Voltage (Vdss)         | 20V   |
| Current - Continuous Drain (Id) @ 25°C | 7.5A (Ta)   |

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| <br><b>PMPB215ENEA/FX</b><br>Nexperia<br>MOSFET N-CH 80V 2.8A<br>6DFN2020MD | <br><b>PMPB20UN,115</b><br>NXP USA Inc.<br>MOSFET N-CH 20V 6.6A 6DFN | <br><b>PMPB215ENEAX</b><br>Nexperia USA Inc.<br>MOSFET N-CH 80V 1.9A SOT1220 | <br><b>PMPB20XPEAX</b><br>Nexperia<br>PMPB20XPEA/SOT1220/SOT1220       |

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