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|---|--|---|
|   | <h2 style="color: red;">PMPB43XPEAX</h2> |   |
|   | <b>Manufacturer Part Number:</b>         | <a href="#">PMPB43XPEAX</a>   |
|  | <b>Manufacturer/Brand:</b>               | <a href="#">Nexperia</a>  |
|   | <b>Part of Description:</b>              | <a href="#">PMPB43XPEA/SOT1220/SOT1220</a>  |
|  | <b>Datasheets:</b>                       |  <a href="#">PMPB43XPEAX.pdf</a> |
|   | <b>RoHs Status:</b>                      |   |
| <b>Stock Condition:</b>   | New original, Stock Available.           |   |
| <b>Ship From:</b>   | Hong Kong                                |   |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS                    |   |
| Image may be representation. See specs for product details.                       |  |   |









### Specifications

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|--|--|
| Part Number                            | <a href="#">PMPB43XPEAX</a>  |
| Manufacturer                           | <a href="#">Nexperia</a>   |
| Description                            | <a href="#">PMPB43XPEA/SOT1220/SOT1220</a>                               |
| 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                     | 1V @ 250µA   |
| Vgs (Max)                              | ±12V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | DFN2020MD-6  |
| Series                                 | Automotive, AEC-Q101, TrenchMOS™   |
| Rds On (Max) @ Id, Vgs                 | 48 mOhm @ 5A, 4.5V   |
| Power Dissipation (Max)                | 1.7W (Ta), 12.5W (Tc)  |
| Packaging                              | Tape & Reel (TR)   |
| Package / Case                         | 6-UDFN Exposed Pad   |
| Other Names                            | 934070929115   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Surface Mount  |
| Manufacturer Standard Lead Time        | 16 Weeks   |
| Input Capacitance (Ciss) (Max) @ Vds   | 1.55nF @ 10V   |
| Gate Charge (Qg) (Max) @ Vgs           | 23.4nC @ 4.5V  |
| FET Type                               | P-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 1.8V, 4.5V   |
| Drain to Source Voltage (Vdss)         | 20V  |
| Detailed Description                   | P-Channel 20V 5A (Ta) 1.7W (Ta), 12.5W (Tc) Surface                      |
| Current - Continuous Drain (Id) @ 25°C | 5A (Ta)  |

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