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|  | <h2 style="color: #e67e22;">PRMD10Z</h2> | |
| | Manufacturer Part Number: | PRMD10Z |
|  | Manufacturer/Brand: | Nexperia |
| | Part of Description: | PRMD10/SOT1268/DFN1412-6 |
| Datasheets: |  PRMD10Z.pdf | |
| RoHS Status: |  Lead free / RoHS | |
| Stock Condition: | Compliant New original, 2590 pcs Stock Available. | |
| Ship From: | Hong Kong | |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS | |
| <p>Image may be representation. See specs for product details.</p> | | |

Specifications

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|---|---|
| Part Number | PRMD10Z |
| Manufacturer | Nexperia |
| Description | PRMD10/SOT1268/DFN1412-6 |
| Category | Discrete Semiconductor Products > Transistors - Bipolar |
| Part Status | 2590 pcs Stock |
| Voltage - Collector Emitter Breakdown (Max) | 50V |
| Vce Saturation (Max) @ Ib, Ic | 100mV @ 250µA, 5mA |
| Transistor Type | 1 NPN Pre-Biased, 1 PNP |
| Supplier Device Package | DFN1412-6 |
| Series | Automotive, AEC-Q101 |
| Resistor - Emitter Base (R2) | 47 kOhms |
| Resistor - Base (R1) | 2.2 kOhms |
| Power - Max | 480mW |
| Packaging | Original-Reel® |
| Package / Case | 6-XFDNF Exposed Pad |
| Other Names | 1727-7389-6 |
| Mounting Type | Surface Mount |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Manufacturer Standard Lead Time | 13 Weeks |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant |
| Frequency - Transition | 230MHz |
| Detailed Description | Pre-Biased Bipolar Transistor (BJT) 1 NPN Pre-Biased, 1 |
| DC Current Gain (hFE) (Min) @ Ic, Vce | 100 @ 10mA, 5V |
| Current - Collector Cutoff (Max) | 100nA |
| Current - Collector (Ic) (Max) | 100mA |

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| <p>In:</p>  <p>PRMC3-D5-S15-S CUI, Inc. DC DC CONVERTER 15V 2.5W</p> |  <p>PRMC3-D5-S12-S CUI, Inc. DC DC CONVERTER 12V 2.5W</p> |  <p>PRMD3Z Nexperia PRMD3/SOT1268/DFN1412-6</p> |  <p>PRMD13Z Nexperia PRMD13/SOT1268/DFN1412-6</p> |
|  <p>PRMC3-D5-S5-S CUI, Inc. DC DC CONVERTER 5V 2.5W</p> |  <p>PRMD2Z Nexperia PRMD2/SOT1268/DFN1412-6</p> |  <p>PRMD16Z Nexperia PRMD16/SOT1268/DFN1412-6</p> |  <p>PRMD12Z Nexperia PRMD12/SOT1268/DFN1412-6</p> |

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