



PS9552L3-E3-AX

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| Manufacturer Part Number: | PS9552L3-E3-AX |
| Manufacturer / Brand | RENESAS Electronics America |
| Part of Description: | OPTOISO 5KV GATE DRIVER 8SMD GW |
| Datasheets: | PS9552L3-E3-AX.pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | New original, 9900 pcs Stock Available. |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS |

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The specifications of PS9552L3-E3-AX

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| Part Number | PS9552L3-E3-AX | Manufacturer / Brand | RENESAS Electronics America |
| Series | NEPOC | Moisture Sensitivity Level (MSL) | 1 (Unlimited) |
| Package / Case | 8-SMD, Gull Wing | Packaging | Tape & Reel (TR) |
| Mounting Type | Surface Mount | Supplier Device Package | 8-SMD Gull Wing |
| Operating Temperature | -40°C ~ 100°C | Detailed Description | 2.5A Gate Driver Optical Coupling 5000Vrms 1 Channel 8-SMD Gull Wing |
| Technology | Optical Coupling | Approvals | BSI, CSA, DEMKO, FIMKO, NEMKO, SEMKO, UL |
| Number of Channels | 1 | Voltage - Supply | 15 V ~ 30 V |
| Voltage - Isolation | 5000Vrms | Current - Peak Output | 2.5A |
| Current - Output High, Low | 2A, 2A | Rise / Fall Time (Typ) | 100ns, 100ns |
| Common Mode Transient Immunity (Min) | 25kV/μs | Propagation Delay tpLH / tpHL (Max) | 500ns, 500ns |
| Pulse Width Distortion (Max) | 300ns | Voltage - Forward (Vf) (Typ) | 1.65V |
| Current - DC Forward (If) (Max) | 25mA | Other Names | 559-1685-2 |
| Stock Quantity | 9900 pcs Stock | Category | Isolators > Isolators - Gate Drivers |
| Description | OPTOISO 5KV GATE DRIVER 8SMD GW | Lead Free Status / RoHS Status | Lead free / RoHS Compliant |

Keywords realted to PS9552L3-E3-AX

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| PS9552L3-E3-AX Technical | PS9552L3-E3-AX Stock | PS9552L3-E3-AX Inventory | PS9552L3-E3-AX Supplier |
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