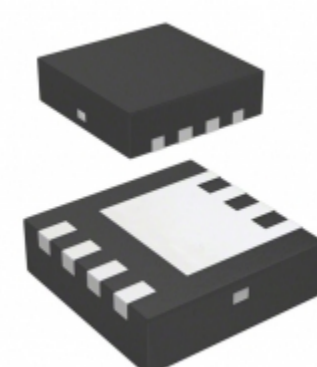


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|------------------------|---|
| SISS42DN-T1-GE3 | |
| Part Number | SISS42DN-T1-GE3 |
| Manufacturer | Electro-Films (EFI) / Vishay |
| Description | MOSFET N-CHAN 100V POWERPAK 1212 |
| Quantity Available | 500 pcs in stock |
| Datasheets | SISS42DN-T1-GE3.pdf |
| SISS42DN-T1-GE3 Price | Request Price & Lead Time Online or Email us: Info@ariat-tech.com |


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| Technical Information of SISS42DN-T1-GE3 | | | |
|--|--|--|---|
| Manufacturer Part Number | SISS42DN-T1-GE3 | Category | Discrete Semiconductor |
| Manufacturer | Electro-Films (EFI) / Vishay | Description | MOSFET N-CHAN 100V POWERPAK 1212 |
| Package / Case | Tape & Reel (TR) | Quantity Available | 500 |
| Vgs(th) (Max) @ Id | 3.4V @ 250µA | Vgs (Max) | ±20V |
| Technology | MOSFET (Metal Oxide) | Supplier Device Package | PowerPAK® 1212-8S |
| Series | TrenchFET® Gen IV | Rds On (Max) @ Id, Vgs | 14.4 mOhm @ 15A, 10V |
| Power Dissipation (Max) | 4.8W (Ta), 57W (Tc) | Packaging | Tape & Reel (TR) |
| Package / Case | PowerPAK® 1212-8S | Other Names | SISS42DN-GE3 SISS42DN-T1-GE3TR |
| Operating Temperature | -55°C ~ 150°C (TJ) | Mounting Type | Surface Mount |
| Moisture Sensitivity Level (MSL) | 1 (Unlimited) | Manufacturer Standard Lead Time | 32 Weeks |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant | Input Capacitance (Ciss) (Max) @ Vds | 1850pF @ 50V |
| Gate Charge (Qg) (Max) @ Vgs | 38nC @ 10V | FET Type | N-Channel |
| FET Feature | - | Drive Voltage (Max Rds On, Min Rds On) | 7.5V, 10V |
| Drain to Source Voltage (Vdss) | 100V | Detailed Description | N-Channel 100V 11.8A (Ta), 40.5A (Tc) 4.8W (Ta), 57W (Tc) Surface Mount PowerPAK® 1212-8S |
| Current - Continuous Drain (Id) @ 25°C | 11.8A (Ta), 40.5A (Tc) | | |

SISS42DN-T1-GE3 500pcs New and Original in Stock, Find SISS42DN-T1-GE3 Stock, Datasheet, PDF, Inventory at Ariat-Tech.com Online, Order SISS42DN-T1-GE3 Electro-Films (EFI) / Vishay with warrantied and confidence. RFQ SISS42DN-T1-GE3 : Info@Ariat-Tech.com

| Related parts for SISS42DN-T1-GE3 | | | | |
|-----------------------------------|----------------------------------|----------------------------------|------------------------------|----------|
| Image | Part Number | Description | Manufacturer | Quantity |
| | SISS23DN-T1-GE3 | MOSFET P-CH 20V 50A PPAK 1212-8S | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS72DN-T1-GE3 | MOSFET N-CH 150V | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS65DN-T1-GE3 | MOSFET P-CHAN 30V PPAK 1212-8S | Electro-Films (EFI) / Vishay | 50 pcs |
| | SISS40DN-T1-GE3 | MOSFET N-CH 100V 36.5A PPAK 1212 | Vishay Siliconix | 210 pcs |
| | SISS70DN-T1-GE3 | MOSFET N-CH 125V | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS28DN-T1-GE3 | MOSFET N-CH 25V 60A 1212-8 | Vishay Siliconix | 500 pcs |
| | SISS71DN-T1-GE3 | MOSFET P-CH 100V 23A 1212-8 | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS27ADN-T1-GE3 | MOSFET P-CH 30V 50A 1212-8 | Vishay Siliconix | 500 pcs |
| | SISS67DN-T1-GE3 | MOSFET P-CHAN 30V POWERPAK 1212- | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS98DN-T1-GE3 | MOSFET N-CH 200V 14.1A 1212-8 | Electro-Films (EFI) / Vishay | 411 pcs |
| | SISS28DN-T1-GE3 | MOSFET N-CH 25V 60A POWERPAK1212 | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS40DN-T1-GE3 | MOSFET N-CH 100V 36.5A PPAK 1212 | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS26DN-T1-GE3 | MOSFET N-CHANNEL 60V 60A 1212-8S | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS64DN-T1-GE3 | MOSFET N-CHANNEL 30V 40A 1212-8S | Electro-Films (EFI) / Vishay | 500 pcs |
| | SISS23DN-T1-GE3 | MOSFET P-CH 20V 50A PPAK 1212-8S | Vishay Siliconix | 1100 pcs |
| | SISS98DN-T1-GE3 | MOSFET N-CH 200V 14.1A 1212-8 | Vishay Siliconix | 500 pcs |
| | SISS27ADN-T1-GE3 | MOSFET P-CH 30V 50A POWERPAK1212 | Electro-Films (EFI) / Vishay | 24 pcs |
| | SISS27DN-T1-GE3 | MOSFET P-CH 30V 50A PPAK 1212-8S | Vishay Siliconix | 9000 pcs |
| | SISS27DN-T1-GE3 | MOSFET P-CH 30V 50A PPAK 1212-8S | Electro-Films (EFI) / Vishay | 9000 pcs |
| | SISS71DN-T1-GE3 | MOSFET P-CH 100V 23A 1212-8 | Vishay Siliconix | 1100 pcs |

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|---|--|---|--|
| SISS42DN-T1-GE3 Stock | SISS42DN-T1-GE3 Price | SISS42DN-T1-GE3 Electronics | SISS42DN-T1-GE3 Components |
| SISS42DN-T1-GE3 Inventory | SISS42DN-T1-GE3 Digikey | Supplier SISS42DN-T1-GE3 | Order SISS42DN-T1-GE3 Online |
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| SISS42DN-T1-GE3 Datasheet | Download SISS42DN-T1-GE3 Datasheet | Manufacturer Electro-Films (EFI) / Vishay | |