

VISHAY

Electro-Films (EFI) / Vishay

SIC769CD-T1-E3

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| Part Number: | SIC769CD-T1-E3 |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay |
| Product description: | IC CTRL PFC STAGE PPAK MLP66-40 |
| Datasheets: | SIC769CD-T1-E3.pdf |
| RoHS Status: | Lead free / RoHS Compliant |
| Stock Condition: | 3370 pcs stock |
| Ship From: | Hong Kong |
| Shipment Way: | DHL/Fedex/TNT/UPS/EMS |

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.

Specifications of SIC769CD-T1-E3

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|----------------------------------|---|
| PART NUMBER | SIC769CD-T1-E3 |
| MANUFACTURER | Electro-Films (EFI) / Vishay |
| DESCRIPTION | IC CTRL PFC STAGE PPAK MLP66-40 |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 3370 pcs |
| DATA SHEET | SIC769CD-T1-E3.pdf |
| VOLTAGE - SUPPLY | 4.5 V ~ 5.5 V |
| VOLTAGE - LOAD | 3 V ~ 16 V |
| TECHNOLOGY | DrMOS |
| SUPPLIER DEVICE PACKAGE | PowerPAK® MLP66-40 |
| SERIES | - |
| RDS ON (TYP) | 1.7 mOhm LS, 6 mOhm HS |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 40-PowerWQFN Module |
| OUTPUT CONFIGURATION | Half Bridge |
| OTHER NAMES | SIC769CD-T1-E3-ND SIC769CD-T1-E3TR SIC769CDT1E3 |
| OPERATING TEMPERATURE | -40°C ~ 150°C (TJ) |
| MOUNTING TYPE | Surface Mount |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LOAD TYPE | Inductive |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INTERFACE | PWM |
| FEATURES | Bootstrap Circuit, Diode Emulation, Status Flag |
| FAULT PROTECTION | Over Temperature, Shoot-Through, UVLO |
| DETAILED DESCRIPTION | Half Bridge Driver Synchronous Buck Converters DrMOS PowerPAK® MLP66-40 |
| CURRENT - PEAK OUTPUT | - |
| CURRENT - OUTPUT / CHANNEL | 35A |
| BASE PART NUMBER | SIC769 |
| APPLICATIONS | Synchronous Buck Converters |

Related Tags

| | | |
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| Electro-Films (EFI) / Vishay SIC769CD-T1-E3 | SIC769CD-T1-E3 Distributor | SIC769CD-T1-E3 Supplier |
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| Phoenix Passive Components / Vishay SIC769CD-T1-E3 | | |

Related Products

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| <p>SIC645AER-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC PWR STAGE 60A 3.3V MLP55-32L In stock: 56382 pcs</p> <p>RFQ</p> | <p>SIC778CD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 40A 40MLP In stock: 36250 pcs</p> <p>RFQ</p> |
| <p>SIC762CD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 6552 pcs</p> <p>RFQ</p> | <p>SIC772CD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC MOSFET DRIVER N-CH 40MLP In stock: 82601 pcs</p> <p>RFQ</p> |
| <p>SIC645ADR-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: 60A VRPOWER SMART POWER STAGE(SP) In stock: 63393 pcs</p> <p>RFQ</p> | <p>SIC779CD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 40A 40MLP In stock: 37846 pcs</p> <p>RFQ</p> |
| <p>SIC769ACD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 5478 pcs</p> <p>RFQ</p> | <p>SIC778ACD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 40A 40MLP In stock: 3294 pcs</p> <p>RFQ</p> |
| <p>SIC645ER-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: 60A VRPOWERSMART POWER STAGE(SPS) In stock: 52796 pcs</p> <p>RFQ</p> | <p>SIC645ALR-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: 60A VRPOWERSMART POWER STAGE(SPS) In stock: 56228 pcs</p> <p>RFQ</p> |
| <p>SIC779ACD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 80779 pcs</p> <p>RFQ</p> | <p>SIC770CD-T1-GE3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 100226 pcs</p> <p>RFQ</p> |