

Sharp Microelectronics



Image may be representation. See specifications for product details.

S12MD3

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|---------------------|------------------------------------|
| Part Number: | S12MD3 |
| Manufacturer/Brand: | Sharp Microelectronics |
| Product description | OPTOISOLATOR 1.5KV SCR 8DIP |
| Datasheets: | S12MD3.pdf |
| RoHs Status | Contains lead / RoHS non-compliant |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION

| Specifications of S12MD3 | |
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| PART NUMBER | S12MD3 |
| MANUFACTURER | Sharp Microelectronics |
| DESCRIPTION | OPTOISOLATOR 1.5KV SCR 8DIP |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| DATA SHEET | S12MD3.pdf |
| ZERO CROSSING CIRCUIT | No |
| VOLTAGE - OFF STATE | 400V |
| VOLTAGE - ISOLATION | 1500Vrms |
| VOLTAGE - FORWARD (VF) (TYP) | 1.2V |
| TURN ON TIME | 10µs |
| SUPPLIER DEVICE PACKAGE | 8-DIP |
| STATIC DV/DT (MIN) | 3V/µs |
| SERIES | - |
| PACKAGING | Tube |
| PACKAGE / CASE | 8-DIP (0.300", 7.62mm) |
| OUTPUT TYPE | SCR |
| OTHER NAMES | 425-1238-5 |
| OPERATING TEMPERATURE | -30°C ~ 100°C |
| NUMBER OF CHANNELS | 2 |
| MOUNTING TYPE | Through Hole |
| LEAD FREE STATUS / ROHS STATUS | Contains lead / RoHS non-compliant |
| DETAILED DESCRIPTION | Optoisolator SCR Output 1500Vrms 2 Channel 8-DIP |
| CURRENT - ON STATE (IT (RMS)) (MAX) | 200mA |
| CURRENT - LED TRIGGER (IFT) (MAX) | 15mA |
| CURRENT - HOLD (IH) | 1mA |
| CURRENT - DC FORWARD (IF) (MAX) | 50mA |
| APPROVALS | UR |

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Related Products

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| <p>S12MCHR7G Manufacturers: TSC (Taiwan Semiconductor) Description: DIODE GEN PURP 1KV 12A DO214AB In stock: 850 pcs</p> <p>RFQ</p> | <p>S12MR Manufacturers: GeneSIC Semiconductor Description: DIODE GEN PURP REV 1KV 12A DO4 In stock: Out stock</p> <p>RFQ</p> |
| <p>S12Q Manufacturers: GeneSIC Semiconductor Description: DIODE GEN PURP 1200V 12A DO4 In stock: Out stock</p> <p>RFQ</p> | <p>S12VR32EVB Manufacturers: NXP Semiconductors / Freescale Description: EVALUATION BOARD FOR S12VR32EVB In stock: 14 pcs</p> <p>RFQ</p> |
| <p>S12MC R7G Manufacturers: TSC (Taiwan Semiconductor) Description: DIODE GEN PURP 1KV 12A DO214AB In stock: Out stock</p> <p>RFQ</p> | <p>S12VR64EVB Manufacturers: NXP Semiconductors / Freescale Description: BOARD EVAL S12VR64 MCU In stock: Out stock</p> <p>RFQ</p> |
| <p>S12MC V7G Manufacturers: TSC (Taiwan Semiconductor) Description: DIODE GEN PURP 1KV 12A DO214AB In stock: Out stock</p> <p>RFQ</p> | <p>S12MC M6G Manufacturers: TSC (Taiwan Semiconductor) Description: DIODE GEN PURP 12A DO214AB In stock: Out stock</p> <p>RFQ</p> |
| <p>S12QR Manufacturers: GeneSIC Semiconductor Description: DIODE GEN PURP REV 1.2KV 12A DO4 In stock: Out stock</p> <p>RFQ</p> | <p>S12ME1FY Manufacturers: Sharp Microelectronics Description: OPTOISOLATOR 4KV SCR 6DIP In stock: Out stock</p> <p>RFQ</p> |
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