








VNL5160S5TR-E

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| Part Number: | VNL5160S5TR-E |
| Manufacturer/Brand: | STMicroelectronics |
| Product description | IC SW LOW SIDE 1CH 5A 8SOIC |
| Datasheets: | <div><div>1.VNL5160S5TR-E.pdf</div><div>2.VNL5160S5TR-E.pdf</div></div> |
| RoHs Status | <div>Lead free / RoHS Compliant</div> |
| Stock Condition | 196890 pcs stock |
| Ship From | Hong Kong |
| Shipment Way | DHL/Fedex/TNT/UPS/EMS |

REQUEST FOR QUOTATION



Specifications of VNL5160S5TR-E

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| PART NUMBER | VNL5160S5TR-E |
| MANUFACTURER | STMicroelectronics |
| DESCRIPTION | IC SW LOW SIDE 1CH 5A 8SOIC |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| QUANTITY AVAILABLE | 196890 pcs |
| DATA SHEET | <div><div>1.VNL5160S5TR-E.pdf</div><div>2.VNL5160S5TR-E.pdf</div></div> |
| VOLTAGE - SUPPLY (VCC/VDD) | 3.5 V ~ 5.5 V |
| VOLTAGE - LOAD | 36V (Max) |
| SWITCH TYPE | General Purpose |
| SUPPLIER DEVICE PACKAGE | 8-SO |
| SERIES | OMNIFET III™, VIPower™ |
| RDS ON (TYP) | 160 mOhm |
| RATIO - INPUT:OUTPUT | 1:1 |
| PACKAGING | Tape & Reel (TR) |
| PACKAGE / CASE | 8-SOIC (0.154", 3.90mm Width) |
| OUTPUT TYPE | N-Channel |
| OUTPUT CONFIGURATION | Low Side |
| OTHER NAMES | 497-11712-2 VNL5160S5TR-E-ND VNL5160S5TRE |
| OPERATING TEMPERATURE | -40°C ~ 150°C (TJ) |
| NUMBER OF OUTPUTS | 1 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours) |
| LEAD FREE STATUS / ROHS STATUS | Lead free / RoHS Compliant |
| INTERFACE | On/Off |
| INPUT TYPE | Non-Inverting |
| FEATURES | Auto Restart, Status Flag |
| FAULT PROTECTION | Current Limiting (Fixed), Open Load Detect, Over Temperature, Over Voltage |
| CURRENT - OUTPUT (MAX) | 3.5A |
| BASE PART NUMBER | VNL5160 |

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| <div><div>VNL5050S5TR-E Manufacturers: STMicroelectronics Description: IC DVR LOW SIDE OMINIFET 8SOIC In stock: 127888 pcs RFQ</div></div> | <div><div>VNL5300-E Manufacturers: STMicroelectronics Description: IC DVR LOW-SIDE 2CH DGTL 8SOIC In stock: 196065 pcs RFQ</div></div> |
| <div><div>VNL5300S5TR-E Manufacturers: STMicroelectronics Description: IC DVR LOW-SIDE 1CH DGTL 8SOIC In stock: 118444 pcs RFQ</div></div> | <div><div>VNL5160N3TR-E Manufacturers: STMicroelectronics Description: IC SW LOW SIDE 1CH 5A SOT-223 In stock: 75119 pcs RFQ</div></div> |
| <div><div>VNL5160TR-E Manufacturers: STMicroelectronics Description: IC DVR LOW-SIDE OMNI III 8SOIC In stock: 61491 pcs RFQ</div></div> | <div><div>VNL5050N3TR-E Manufacturers: STMicroelectronics Description: IC DVR LOW SIDE OMINIFET SOT-223 In stock: 51773 pcs RFQ</div></div> |
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| <div><div>VNL5090TR-E Manufacturers: STMicroelectronics Description: IC DVR LOW-SIDE OMNI III 8SOIC In stock: 135759 pcs RFQ</div></div> | <div><div>VNL5300S5-E Manufacturers: STMicroelectronics Description: IC DVR LOW-SIDE 1CH DGTL 8SOIC In stock: 242963 pcs RFQ</div></div> |