



STMicroelectronics



VNK5N07FM

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | VNK5N07FM                                                                                                    |
| Manufacturer/Brand: | STMicroelectronics                                                                                           |
| Product description | MOSFET N-CH 70V 5A SOT-82FM                                                                                  |
| Datasheets:         |  VNK5N07FM.pdf              |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 97293 pcs stock                                                                                              |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

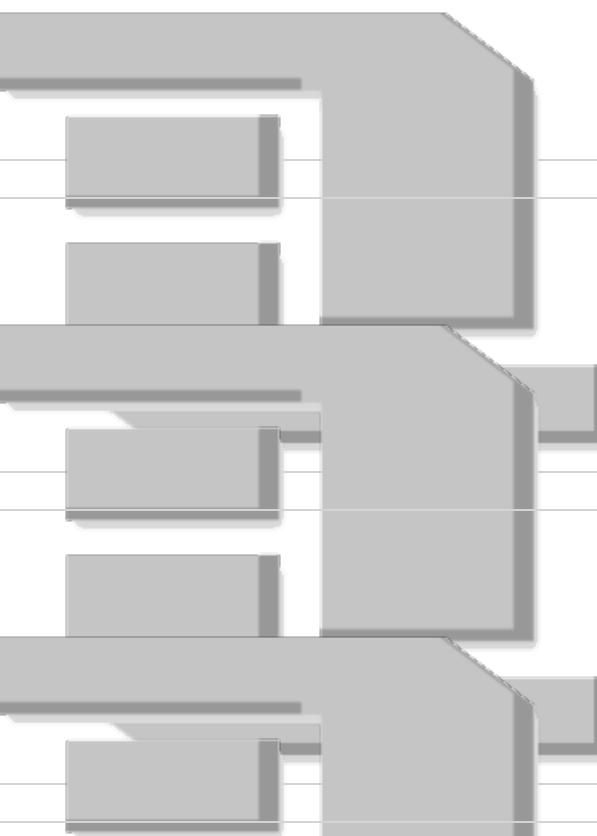
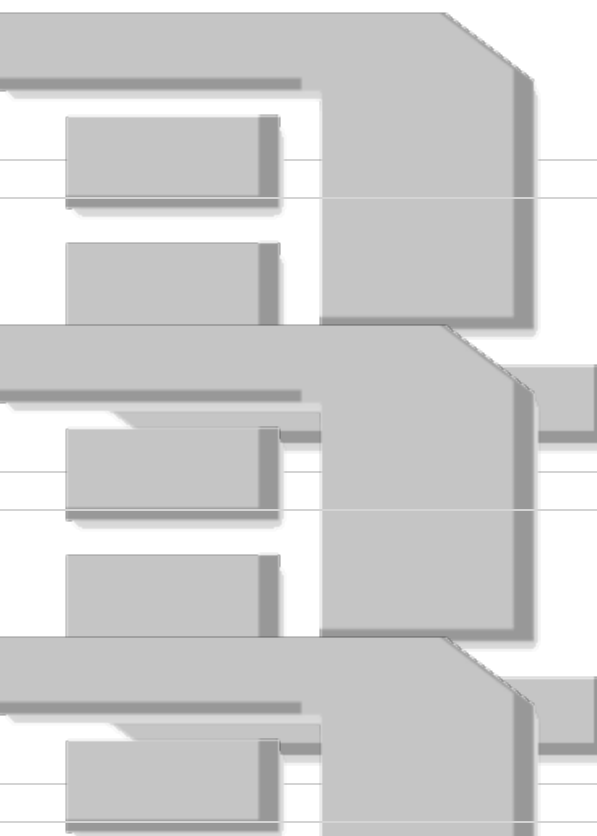
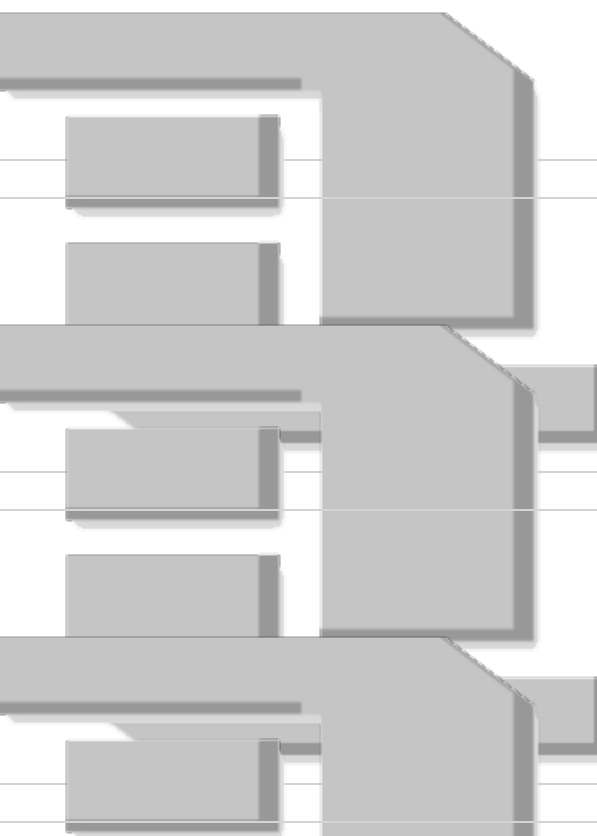
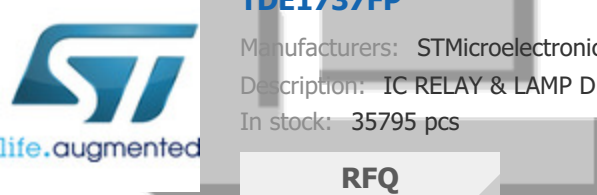
Specifications of VNK5N07FM

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| PART NUMBER                      | VNK5N07FM                                                                                         |
| MANUFACTURER                     | STMicroelectronics                                                                                |
| DESCRIPTION                      | MOSFET N-CH 70V 5A SOT-82FM                                                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| QUANTITY AVAILABLE               | 97293 pcs                                                                                         |
| DATA SHEET                       |  VNK5N07FM.pdf |
| VOLTAGE - SUPPLY (VCC/VDD)       | Not Required                                                                                      |
| VOLTAGE - LOAD                   | 55V (Max)                                                                                         |
| SWITCH TYPE                      | General Purpose                                                                                   |
| SUPPLIER DEVICE PACKAGE          | SOT-82FM                                                                                          |
| SERIES                           | OMNIFET II™, VIPower™                                                                             |
| RDS ON (TYP)                     | 200 mOhm (Max)                                                                                    |
| RATIO - INPUT:OUTPUT             | 1:1                                                                                               |
| PACKAGING                        | Tube                                                                                              |
| PACKAGE / CASE                   | SOT-82FM-3                                                                                        |
| OUTPUT TYPE                      | N-Channel                                                                                         |
| OUTPUT CONFIGURATION             | High Side                                                                                         |
| OTHER NAMES                      | 497-3308-5                                                                                        |
| OPERATING TEMPERATURE            | -                                                                                                 |
| NUMBER OF OUTPUTS                | 1                                                                                                 |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                     |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                        |
| INTERFACE                        | On/Off                                                                                            |
| INPUT TYPE                       | Non-Inverting                                                                                     |
| FEATURES                         | Status Flag                                                                                       |
| FAULT PROTECTION                 | Current Limiting (Fixed), Over Temperature, Over Voltage                                          |
| CURRENT - OUTPUT (MAX)           | 3.5A                                                                                              |
| BASE PART NUMBER                 | VN*5N                                                                                             |

Related Tags

|                              |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| STMicroelectronics VNK5N07FM | VNK5N07FM Distributor        | VNK5N07FM Supplier               |
| VNK5N07FM Price              | VNK5N07FM Pictures           | VNK5N07FM Image                  |
| VNK5N07FM PDF Datasheet      | VNK5N07FM Download Datasheet | VNK5N07FM Datasheet              |
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| STMicroelectronics VNK5N07FM | STMicroelectronics Supplier  | STMicroelectronics Distributor   |
| STMicroelectronics VNK5N07FM |                              |                                  |

Related Products

|                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>98-0283</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC MOSFET PWR SW DUAL 2A 8-SOIC<br/>In stock: 6047 pcs<br/><b>RFQ</b></div>    |  <div><b>VN800PS-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC SMART POWER SSR QUAD 8-SOIC<br/>In stock: 123698 pcs<br/><b>RFQ</b></div>                                   |
|  <div><b>BTS142DATMA1</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC PWR SWITCH 42V 4.6A TO252<br/>In stock: 39488 pcs<br/><b>RFQ</b></div> |  <div><b>TPS22966DPUT</b><br/>Manufacturers: N/A<br/>Description: IC LOAD SWITCH 6A DUAL 14WSON<br/>In stock: 90164 pcs<br/><b>RFQ</b></div>                                                |
|  <div><b>SIP32472DN-T1-GE3</b><br/>Manufacturers: Vishay Siliconix<br/>Description: IC LOAD SWITCH UDFN4<br/>In stock: 497858 pcs<br/><b>RFQ</b></div>                                  |  <div><b>UC27133D</b><br/>Manufacturers: N/A<br/>Description: IC HIGH SIDE SMART PWR-SW 8SOIC<br/>In stock: 12588 pcs<br/><b>RFQ</b></div>                                                  |
|  <div><b>VND1NV04TR-E</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC PWR MOSFET 40V 1.7A DPAK<br/>In stock: 140829 pcs<br/><b>RFQ</b></div>                              |  <div><b>MC06XS4200BFK</b><br/>Manufacturers: NXP<br/>Description: IC SWITCH HIGH SIDE 23PQFN<br/>In stock: 12356 pcs<br/><b>RFQ</b></div>                                                  |
|  <div><b>AP2162SG-13</b><br/>Manufacturers: Diodes Incorporated<br/>Description: IC PWR SW USB 2CH 1A 8-SOIC<br/>In stock: 156484 pcs<br/><b>RFQ</b></div>                              |  <div><b>TDE1737FP</b><br/>Manufacturers: STMicroelectronics<br/>Description: IC RELAY &amp; LAMP DRIVER 14-SOIC<br/>In stock: 35795 pcs<br/><b>RFQ</b></div>                               |
|  <div><b>MP5017GD-Z</b><br/>Manufacturers: MPS (Monolithic Power Systems)<br/>Description: 3-5.5V, 1A-5A CURRENT LIMIT SWIT<br/>In stock: 133586 pcs<br/><b>RFQ</b></div>               |  <div><b>BTS621L1 E3128A</b><br/>Manufacturers: International Rectifier (Infineon Technologies)<br/>Description: IC SW PWR HISIDE TO-220AB/7 SMD<br/>In stock: 6262 pcs<br/><b>RFQ</b></div> |