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|  <p><b>Not Actual Photo</b><br/>YIC International Co., Limited.</p> | <b>Manufacturer Part Number:</b> | STB270N4F3   |
|   | <b>Manufacturer/Brand:</b>       | STMicroelectronics   |
|   | <b>Part of Description:</b>      | MOSFET N-CH 40V 160A D2PAK   |
|   | <b>Datasheets:</b>               |  <a href="#">STB270N4F3.pdf</a> |
|   | <b>RoHs Status:</b>              |  Lead free / RoHS               |
|   | <b>Stock Condition:</b>          | Compliant<br>New original, 7413 pcs Stock Available.   |
|   | <b>Ship From:</b>                | Hong Kong  |
| <b>Shipment Way:</b>  | DHL/Fedex/TNT/UPS/EMS            |  |

Image may be representation.  
See specs for product details.

### Specifications

|  |  |
|--|--|
| Part Number                            | STB270N4F3   |
| Manufacturer                           | STMicroelectronics   |
| Description                            | MOSFET N-CH 40V 160A D2PAK   |
| Category                               | <a href="#">Discrete Semiconductor Products</a> > <a href="#">Transistors - FETs</a> , |
| Part Status                            | 7413 pcs Stock   |
| Vgs(th) (Max) @ Id                     | 4V @ 250μA   |
| Vgs (Max)                              | ±20V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | D2PAK  |
| Series                                 | STripFET™ III  |
| Rds On (Max) @ Id, Vgs                 | 2.5 mOhm @ 80A, 10V  |
| Power Dissipation (Max)                | 330W (Tc)  |
| Packaging                              | Tape & Reel (TR)   |
| Package / Case                         | TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab), TO-263AB                                 |
| Operating Temperature                  | -55°C ~ 175°C (TJ)   |
| Mounting Type                          | Surface Mount  |
| Input Capacitance (Ciss) (Max) @ Vds   | 7400pF @ 25V   |
| Gate Charge (Qg) (Max) @ Vgs           | 150nC @ 10V  |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V  |
| Drain to Source Voltage (Vdss)         | 40V  |
| Current - Continuous Drain (Id) @ 25°C | 160A (Tc)  |

### You May Be Also Be interested

|  |   |   |  |
|--|---|---|--|
| <p><b>In:</b></p>  <p><b>STB28N60M2</b><br/>STMicroelectronics<br/>MOSFET N-CH 600V 22A D2PAK</p> |  <p><b>STB28N60DM2</b><br/>STMicroelectronics<br/>MOSFET N-CH 600V 21A</p>       |  <p><b>STB270N04 MOS</b><br/>ST<br/>ST TO-263</p>                               |  <p><b>STB270N04-1</b><br/>ST<br/>STB270N04-1 ST</p>                            |
|  <p><b>STB270N4F3-6</b><br/>ST<br/>STB270N4F3-6 ST</p>  |  <p><b>STB27NM60ND</b><br/>STMicroelectronics<br/>MOSFET N-CH 600V 21A D2PAK</p> |  <p><b>STB28N65M2</b><br/>STMicroelectronics<br/>MOSFET N-CH 650V 20A D2PAK</p> |  <p><b>STB26NM60N</b><br/>STMicroelectronics<br/>MOSFET N-CH 600V 20A D2PAK</p> |

### STB270N4F3 Related keyword

More

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ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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