

|                                                                                                                                                                                                                                        |                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| <div><div>Not Actual Photo<br/>YIC International Co., Limited.</div></div> <div>Image may be representation.<br/>See specs for product details.</div> | <b>STP45NF3LL</b>                                                                                                      |
|                                                                                                                                                                                                                                        | <b>Manufacturer Part Number:</b> STP45NF3LL                                                                            |
|                                                                                                                                                                                                                                        | <b>Manufacturer/Brand:</b> N/A                                                                                         |
|                                                                                                                                                                                                                                        | <b>Part of Description:</b> MOSFET N-CH 30V 45A TO-220                                                                 |
|                                                                                                                                                                                                                                        | <b>RoHs Status:</b>  Lead free / RoHS |
|                                                                                                                                                                                                                                        | <b>Stock Condition:</b> <div>Compliant</div> New original, 29207 pcs Stock Available.                                  |
|                                                                                                                                                                                                                                        | <b>Ship From:</b> Hong Kong                                                                                            |
| <b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS                                                                                                                                                                                             |                                                                                                                        |

Specifications

|                                        |                                                       |
|----------------------------------------|-------------------------------------------------------|
| Part Number                            | STP45NF3LL                                            |
| Manufacturer                           | N/A                                                   |
| Description                            | MOSFET N-CH 30V 45A TO-220                            |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | 29207 pcs Stock                                       |
| Vgs(th) (Max) @ Id                     | 1V @ 250μA                                            |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Supplier Device Package                | TO-220AB                                              |
| Series                                 | STripFET™ II                                          |
| Rds On (Max) @ Id, Vgs                 | 18 mOhm @ 22.5A, 10V                                  |
| Power Dissipation (Max)                | 70W (Tc)                                              |
| Packaging                              | Tube                                                  |
| Package / Case                         | TO-220-3                                              |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                                    |
| Mounting Type                          | Through Hole                                          |
| Input Capacitance (Ciss) (Max) @ Vds   | 800pF @ 25V                                           |
| Gate Charge (Qg) (Max) @ Vgs           | 17nC @ 5V                                             |
| FET Type                               | N-Channel                                             |
| FET Feature                            | -                                                     |
| Drain to Source Voltage (Vdss)         | 30V                                                   |
| Current - Continuous Drain (Id) @ 25°C | 45A (Tc)                                              |

You May Be Also Be interested

In:



Not Actual Photo  
YIC International Co., Limited.

**STP45NF03LLFP**  
ST  
ST TO-220



Not Actual Photo  
YIC International Co., Limited.

**STP45NF06L**  
ST/  
STP45NF06L ST/



Not Actual Photo  
YIC International Co., Limited.

**STP45NF3LLFP**  
S  
STP45NF3LLFP S



Not Actual Photo  
YIC International Co., Limited.

**STP45NF06**  
N/A  
MOSFET N-CH 60V 38A TO-220



Not Actual Photo  
YIC International Co., Limited.

**STP45NF06 MOS**  
ST  
ST TO220



Not Actual Photo  
YIC International Co., Limited.

**STP45NF3LL MOS**  
VBSEMI  
VBSEMI TO-220



Not Actual Photo  
YIC International Co., Limited.

**STP45NF03L**  
ST  
STP45NF03L ST



Not Actual Photo  
YIC International Co., Limited.

**STP4803**  
S  
S SOP-8

STP45NF3LL Related keyword

More

|                       |                         |                        |                  |                         |
|-----------------------|-------------------------|------------------------|------------------|-------------------------|
| STP45NF3LL            | STP45NF3LL Data Sheet   | STP45NF3LL Datasheets  | STP45NF3LL PDF   | STP45NF3LL              |
| STP45NF3LL Electronic | STP45NF3LL Components   | STP45NF3LL Distributor | STP45NF3LL Image | STP45NF3LL Part         |
| STP45NF3LL Price      | STP45NF3LL Manufacturer | STP45NF3LL Picture     | STP45NF3LL Stock | STP45NF3LL Inventory    |
| STP45NF3LL New        | STP45NF3LL Original     | STP45NF3LL Warranted   | STP45NF3LL RFQ   | STP45NF3LL Order Online |

Contact us:**Info@YIC-Electronics.com**

ADD:Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.  
Copyright © 2024 YIC-Electronics.com - YIC International Co., Limited