



**STD40P3LLH6**

|                                 |  |
|---------------------------------|--|
| Manufacturer Part Number:       | STD40P3LLH6                              |
| Manufacturer / Brand:           | STMicroelectronics                       |
| Part of Description:            | MOSFET PCH 40V 20A DPAK                  |
| Datasheets:                     | STD40P3LLH6(1).pdf<br>STD40P3LLH6(2).pdf |
| Lead Free Status / RoHS Status: | Lead free / RoHS Compliant               |
| Stock Condition:                | New original, 2500 pcs Stock Available.  |
| Ship From:                      | Hong Kong                                |
| Shipment Way:                   | DHL/Fedex/TNT/UPS                        |

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STD40P3LLH6 100% New Original 2500pcs in Stock, Find STD40P3LLH6 Price, Stock, datasheet at IC Components Ltd Online, buy STD40P3LLH6 STMicroelectronics with warrantied. 100% guarantee confidence. RFQ STD40P3LLH6: [Info@IC-Components.com](mailto:Info@IC-Components.com)

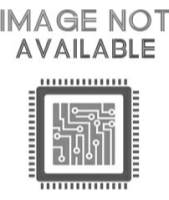





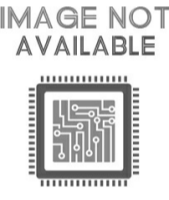


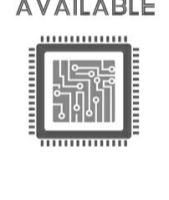
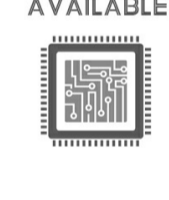
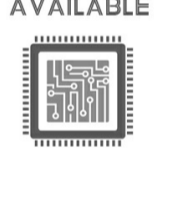


















The specifications of STD40P3LLH6

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|--|---------------------------------------|--|--|
| Part Number                            | STD40P3LLH6                           | Manufacturer / Brand                   | STMicroelectronics   |
| Series                                 | STripFET™ H6                          | Moisture Sensitivity Level (MSL)       | 1 (Unlimited)  |
| Package / Case                         | TO-252-3, DPAK (2 Leads + Tab), SC-63 | Packaging                              | Tape & Reel (TR)   |
| Mounting Type                          | Surface Mount                         | Supplier Device Package                | DPAK   |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                    | Detailed Description                   | P-Channel 30V 40A (Tc) 60W (Tc) Surface Mount DPAK                     |
| Technology                             | MOSFET (Metal Oxide)                  | Power Dissipation (Max)                | 60W (Tc)   |
| FET Type                               | P-Channel                             | FET Feature                            | -  |
| Drain to Source Voltage (Vdss)         | 30V                                   | Current - Continuous Drain (Id) @ 25°C | 40A (Tc)   |
| Rds On (Max) @ Id, Vgs                 | 15 mOhm @ 20A, 10V                    | Vgs(th) (Max) @ Id                     | 2.5V @ 250µA   |
| Gate Charge (Qg) (Max) @ Vgs           | 24nC @ 4.5V                           | Input Capacitance (Ciss) (Max) @ Vds   | 2615pF @ 25V   |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V                             | Vgs (Max)                              | ±20V   |
| Stock Quantity                         | 2500 pcs Stock                        | Category                               | Discrete Semiconductor Products > Transistors - FETs, MOSFETs - Single |
| Description                            | MOSFET PCH 40V 20A DPAK               | Lead Free Status / RoHS Status         | Lead free / RoHS Compliant   |

Keywords related to STD40P3LLH6

|                                |                                 |                                |                           |
|--------------------------------|---------------------------------|--------------------------------|---------------------------|
| STMicroelectronics STD40P3LLH6 | STD40P3LLH6 part                | STD40P3LLH6 Price              | STD40P3LLH6 Distributor   |
| STD40P3LLH6 Technical          | STD40P3LLH6 Stock               | STD40P3LLH6 Inventory          | STD40P3LLH6 Supplier      |
| STD40P3LLH6 Online Order       | STD40P3LLH6 Inquiry             | STD40P3LLH6 Image              | STD40P3LLH6 Picture       |
| STD40P3LLH6 pdf                | STD40P3LLH6 datasheet           | STD40P3LLH6 data sheet         | STD40P3LLH6 pdf datasheet |
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|---|--|---|
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|  <p><b>STD40NF3LLT4</b><br/>Description: MOSFET N-CH 30V 40A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 32500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>  |  <p><b>STD40NF06T4</b><br/>Description: STD40NF06T4 ST SOT252<br/>Manufacturers: ST<br/>In Stock: New original, 3000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                     |  <p><b>STD40NF10T4</b><br/>Description: STD40NF10T4 ST SOT252<br/>Manufacturers: ST<br/>In Stock: New original, 3100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                    |
|  <p><b>STD40NF03L</b><br/>Description: STD40NF03L ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 50000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                        |  <p><b>STD40NF10</b><br/>Description: MOSFET N-CH 100V 50A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 22500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>  |  <p><b>STD40P8F6AG</b><br/>Description: MOSFET P-CH 80V DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     |
|  <p><b>STD40NE03LT4</b><br/>Description: STD40NE03LT4 ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 6400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                     |  <p><b>STD40NF02L</b><br/>Description: STD40NF02L ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                        |  <p><b>STD4525NL</b><br/>Description: STD4525NL S TO-252D<br/>Manufacturers: S<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                        |
|  <p><b>STD45P4LLF6AG</b><br/>Description: MOSFET P-CH 40V 50A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |  <p><b>STD4530NLS</b><br/>Description: STD4530NLS S TO-252D<br/>Manufacturers: S<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                       |  <p><b>STD45NF03L</b><br/>Description: STD45NF03L ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                     |
|  <p><b>STD46N6F7</b><br/>Description: MOSFET N-CH 60V 15A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 14700 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>     |  <p><b>STD40NF3LL</b><br/>Description: STD40NF3LL ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 50000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                      |  <p><b>STD45NE75</b><br/>Description: STD45NE75 S TO-252<br/>Manufacturers: S<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                         |
|  <p><b>STD40NF03LL</b><br/>Description: STD40NF03LL ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 1300 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                       |  <p><b>STD452S</b><br/>Description: STD452S SAMH0P TO-251<br/>Manufacturers: SAMH0P<br/>In Stock: New original, 2100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                     |  <p><b>STD46P4LLF6</b><br/>Description: MOSFET P-CH 40V 46A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |
|  <p><b>STD40N2LH5</b><br/>Description: MOSFET N-CH 25V 40A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 10100 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>    |  <p><b>STD45NF75</b><br/>Description: STD45NF75 ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 15600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                        |  <p><b>STD44N4LF6</b><br/>Description: MOSFET N-CH 40V 44A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 50000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p> |
|  <p><b>STD45N10F7</b><br/>Description: MOSFET N-CH 100V 45A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 32400 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>   |  <p><b>STD432S</b><br/>Description: STD432S SAMHOP TO-251<br/>Manufacturers: SAMHOP<br/>In Stock: New original, 2500 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                     |  <p><b>STD40NE03L</b><br/>Description: STD40NE03L ST TO-252<br/>Manufacturers: ST<br/>In Stock: New original, 1000 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                      |
|  <p><b>STD40NF03LT4</b><br/>Description: MOSFET N-CH 30V 40A DPAK<br/>Manufacturers: STMicroelectronics<br/>In Stock: New original, 28800 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>  |  <p><b>STD40NF06LT4</b><br/>Description: STD40NF06LT4 ST SOT252<br/>Manufacturers: ST<br/>In Stock: New original, 1700 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                   |  <p><b>STD413D</b><br/>Description: STD413D STANSON TO-252<br/>Manufacturers: STANSON<br/>In Stock: New original, 1600 pcs Stock Available.<br/>Quote: <input type="text"/> RFQ</p>                  |



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