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|--|---|
| <br> | <p><b>Manufacturer Part Number:</b> <a href="#">STH160N4LF6-2</a></p>   |
|  | <p><b>Manufacturer/Brand:</b> <a href="#">STMicroelectronics</a></p>  |
|   | <p><b>Part of Description:</b> MOSFET N-CH 40V 120A H2PAK-2</p>   |
|  | <p><b>Datasheets:</b>  <a href="#">STH160N4LF6-2.pdf</a></p> |
|  | <p><b>RoHS Status:</b>  Lead free / RoHS Compliant</p>       |
|  | <p><b>Stock Condition:</b> New original, 2980 pcs Stock Available.</p>  |
|  | <p><b>Ship From:</b> Hong Kong</p>  |
|  | <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>   |
| <p>Image may be representation.<br/>See specs for product details.</p>   |   |

### Specifications

|  |   |
|--|---|
| Part Number                            | STH160N4LF6-2   |
| Manufacturer                           | STMicroelectronics                                    |
| Description                            | MOSFET N-CH 40V 120A H2PAK-2                          |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | 2980 pcs Stock  |
| Series                                 | DeepGATE™, STripFET™ VI                               |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Operating Temperature                  | -55°C ~ 175°C (TJ)                                    |
| Mounting Type                          | Surface Mount   |
| Package / Case                         | TO-263-3, D <sup>2</sup> Pak (2 Leads + Tab) Variant  |
| Supplier Device Package                | H2Pak-2   |
| Power Dissipation (Max)                | 150W (Tc)   |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drain to Source Voltage (Vdss)         | 40V   |
| Current - Continuous Drain (Id) @ 25°C | 120A (Tc)   |
| Rds On (Max) @ Id, Vgs                 | 2.2 mOhm @ 60A, 10V                                   |
| Vgs(th) (Max) @ Id                     | 1V @ 250µA (Min)                                      |
| Gate Charge (Qg) (Max) @ Vgs           | 181nC @ 10V   |
| Input Capacitance (Ciss) (Max) @ Vds   | 8130pF @ 20V  |
| Drive Voltage (Max Rds On, Min Rds On) | 5V, 10V   |
| Vgs (Max)                              | ±20V  |
| Packaging                              | Tape & Reel (TR)                                      |

STH160N4LF6-2 is New Original in Stock, Search STH160N4LF6-2 Datasheets, PDF, Inventory at Y-IC.com Online, Order STH160N4LF6-2 STMicroelectronics with warrantied and confidence. RFQ STH160N4LF6-2 : [Info@Y-IC.com](mailto:Info@Y-IC.com)

### You May Be Also Be interested In:

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| <br><b>STH15NA50FI</b><br>ST<br>STH15NA50FI ST | <br><b>STH175N4F6-6AG</b><br>STMicroelectronics<br>MOSFET N-CH 40V 120A<br>H2PAK-6 | <br><b>STH175N4F6-2AG</b><br>STMicroelectronics<br>MOSFET N-CH 40V 120A<br>H2PAK-2 | <br><b>STH165N10F4-2</b><br>ST<br>STH165N10F4-2 ST |
| <br><b>STH15NB50F</b><br>ST<br>STH15NB50F ST   | <br><b>STH15810-2</b><br>STM<br>STH15810-2 STM                                     | <br><b>STH150N10F7-2</b><br>STMicroelectronics<br>MOSFET N-CH 100V 90A<br>H2PAK-2  | <br><b>STH16NA40FI</b><br>ST<br>ST TO-3P           |

### Hot Parts

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|----------------|-----------------|--------------------|----------------------|-----------------|
| 04023C102MAT2A | AZ1084S-2.5TRE1 | CM50TF-12HE        | D GQM1555C2D1R3BB01D | IRKL91/08       |
| IRLZ44NLPBF    | KA78L12ADTF     | D LFB32871MSA1A595 | MAX209CWG+T          | MAX6350ESA+T    |
| MAZS200001CA   | NLC322522T-4R7M | PCM2707CPJTR       | RT9178-31CB.         | S-1135A33-M5T1S |
| SI3586DS-TI-E3 | SMAJ4758A       | STH12N60           | STH12N60FI           | STH12NA60       |
| STH12NA60FI    | STH13NB60FI     | STH14808-2         | STH15810-2           | STH15NA50FI     |
| STH15NB50FI    | STH165N10F4-2   | D STH170N8F7-2     | STH180N10F3-2        | STH260N6F6-6    |
| STH270N4F3-6   | D STH360N4F6-2  | STH3N150-2         | STH60N10             | STH6N100        |
| STH6N100FI     | STH6NA60FI      | STH6NA80           | STH80NF55-08         | STHDLS101QTR    |
| STHDLS101TQTR  | STHDMI001A      | STHDMI001ATTR      | D STHDMI002ABTR      | STHV DAC-253MF3 |
| STHVDAC-303F6  | STHVDAC-303F6   | T-128F08TSC        | TA48L03F             | V-J6W-EW        |

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