
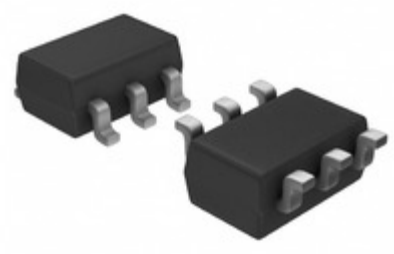




|   |   |
|---|---|
|    | <p><b>FDC5661N-F085</b></p>   |
|   | <p><b>Manufacturer Part Number:</b> FDC5661N-F085</p>   |
|    | <p><b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor</p>  |
|   | <p><b>Part of Description:</b> MOSFET N-CH 60V 6-SSOT</p>   |
| <p><b>Datasheets:</b>  <a href="#">FDC5661N-F085.pdf</a></p> | <p><b>RoHS Status:</b>  Lead free / RoHS</p> |
| <p><b>Stock Condition:</b> Compliant<br/>New original, Stock Available.</p>   | <p><b>Ship From:</b> Hong Kong</p>  |
| <p><b>Image may be representation. See specs for product details.</b></p>   | <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>   |









Specifications

|  |   |
|--|---|
| Part Number                            | FDC5661N-F085   |
| Manufacturer                           | AMI Semiconductor / ON Semiconductor                  |
| Description                            | MOSFET N-CH 60V 6-SSOT                                |
| Category                               | Discrete Semiconductor Products > Transistors - FETs, |
| Part Status                            | Require For Quote & Check Stock                       |
| Vgs(th) (Max) @ Id                     | 3V @ 250µA  |
| Vgs (Max)                              | ±20V  |
| Technology                             | MOSFET (Metal Oxide)                                  |
| Supplier Device Package                | 6-SSOT  |
| Series                                 | Automotive, AEC-Q101, PowerTrench®                    |
| Rds On (Max) @ Id, Vgs                 | 47 mOhm @ 4.3A, 10V                                   |
| Power Dissipation (Max)                | 1.6W (Ta)   |
| Packaging                              | Tape & Reel (TR)                                      |
| Package / Case                         | SOT-23-6 Thin, TSOT-23-6                              |
| Other Names                            | FDC5661N-F085TR                                       |
| Operating Temperature                  | -55°C ~ 150°C (TJ)                                    |
| Mounting Type                          | Surface Mount   |
| Moisture Sensitivity Level (MSL)       | 1 (Unlimited)   |
| Manufacturer Standard Lead Time        | 36 Weeks  |
| Lead Free Status / RoHS Status         | Lead free / RoHS Compliant                            |
| Input Capacitance (Ciss) (Max) @ Vds   | 763pF @ 25V   |
| Gate Charge (Qg) (Max) @ Vgs           | 19nC @ 10V  |
| FET Type                               | N-Channel   |
| FET Feature                            | -   |
| Drive Voltage (Max Rds On, Min Rds On) | 4.5V, 10V   |
| Drain to Source Voltage (Vdss)         | 60V   |
| Detailed Description                   | N-Channel 60V 4.3A (Ta) 1.6W (Ta) Surface Mount 6-    |
| Current - Continuous Drain (Id) @ 25°C | 4.3A (Ta)   |

FDC5661N-F085 Electronic Components is 100% New Original from YIC Distributor, Search FDC5661N-F085 Datasheets, PDF, Inventory at Y-IC.com Online, Order FDC5661N-F085 AMI Semiconductor / ON Semiconductor with Warrantied and Confidence. Ship by DHL/FedEx/TNT/UPS Express. Support Payment with Telegraphic Transfer(T/T) or PayPal.

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Contact us: [Info@Y-IC.com](mailto:Info@Y-IC.com)

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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