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| <br> | <h2 style="color: red;">FQPF5N60C_F105</h2> <p><b>Manufacturer Part Number:</b> FQPF5N60C_F105</p> <p><b>Manufacturer/Brand:</b> AMI Semiconductor / ON Semiconductor</p> <p><b>Part of Description:</b> INTEGRATED CIRCUIT</p> <p><b>RoHs Status:</b>  Lead free / RoHS</p> <p><b>Stock Condition:</b>  New original, 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

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| Part Number                            | FQPF5N60C_F105   |
| Manufacturer                           | AMI Semiconductor / ON Semiconductor                                     |
| Description                            | INTEGRATED CIRCUIT   |
| Category                               | <a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a> |
| Part Status                            | <a href="#">Require For Quote &amp; Check Stock</a>                      |
| Vgs(th) (Max) @ Id                     | 4V @ 250µA   |
| Vgs (Max)                              | ±30V   |
| Technology                             | MOSFET (Metal Oxide)   |
| Supplier Device Package                | TO-220F  |
| Series                                 | QFET®  |
| Rds On (Max) @ Id, Vgs                 | 2.5 Ohm @ 2.25A, 10V   |
| Power Dissipation (Max)                | 33W (Tc)   |
| Packaging                              | Tube   |
| Package / Case                         | TO-220-3 Full Pack   |
| Operating Temperature                  | -55°C ~ 150°C (TJ)   |
| Mounting Type                          | Through Hole   |
| Lead Free Status / RoHS Status         | Lead free / RoHS Compliant   |
| Input Capacitance (Ciss) (Max) @ Vds   | 670pF @ 25V  |
| Gate Charge (Qg) (Max) @ Vgs           | 19nC @ 10V   |
| FET Type                               | N-Channel  |
| FET Feature                            | -  |
| Drive Voltage (Max Rds On, Min Rds On) | 10V  |
| Drain to Source Voltage (Vdss)         | 600V   |
| Detailed Description                   | N-Channel 600V 4.5A (Tc) 33W (Tc) Through Hole TO-                       |
| Current - Continuous Drain (Id) @ 25°C | 4.5A (Tc)  |

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|  <p><b>FQPF5N60C</b><br/>Fairchild/ON Semiconductor<br/>MOSFET N-CH 600V 4.5A TO-220F</p> |  <p><b>FQPF5N80C</b><br/>VB<br/>FQPF5N80C VB</p>   |  <p><b>FQPF5N60C</b><br/>AMI Semiconductor / ON Semiconductor<br/>MOSFET N-CH 600V 4.5A TO-220F</p> |  <p><b>FQPF5N60CYDTU</b><br/>AMI Semiconductor / ON Semiconductor<br/>MOSFET N-CH 600V 4.5A TO-220F</p> |

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