

ON Semiconductor AMI Semiconductor / ON

## FAN7380M

|                      |                                      |
|----------------------|--------------------------------------|
| Part Number:         | FAN7380M                             |
| Manufacturer/Brand:  | AMI Semiconductor / ON Semiconductor |
| Product description: | IC DRIVER GATE HALF BRIDGE 8SOIC     |
| Datasheets:          | FAN7380M.pdf                         |
| RoHs Status:         | Lead free / RoHS Compliant           |
| Stock Condition:     | 5200 pcs stock                       |
| Ship From:           | Hong Kong                            |
| Shipment Way:        | DHL/Fedex/TNT/UPS/EMS                |



Image may be representation. See specifications for product details.

**REQUEST FOR QUOTATION**

### Specifications of FAN7380M

|                                      |  |
|--------------------------------------|--|
| PART NUMBER                          | FAN7380M                                       |
| MANUFACTURER                         | AMI Semiconductor / ON Semiconductor           |
| DESCRIPTION                          | IC DRIVER GATE HALF BRIDGE 8SOIC               |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                     |
| QUANTITY AVAILABLE                   | 5200 pcs                                       |
| DATA SHEET                           | FAN7380M.pdf                                   |
| VOLTAGE - SUPPLY                     | 10 V ~ 20 V                                    |
| SUPPLIER DEVICE PACKAGE              | 8-SOP  |
| SERIES                               | -  |
| RISE / FALL TIME (TYP)               | 230ns, 90ns                                    |
| PACKAGING                            | Tube   |
| PACKAGE / CASE                       | 8-SOIC (0.154", 3.90mm Width)                  |
| OTHER NAMES                          | FAN7380M_NL<br>FAN7380M_NL-ND                  |
| OPERATING TEMPERATURE                | -40°C ~ 150°C (TJ)                             |
| NUMBER OF DRIVERS                    | 2  |
| MOUNTING TYPE                        | Surface Mount                                  |
| MOISTURE SENSITIVITY LEVEL (MSL)     | 1 (Unlimited)                                  |
| LOGIC VOLTAGE - VIL, VIH             | 0.8V, 2.5V                                     |
| LEAD FREE STATUS / ROHS STATUS       | Lead free / RoHS Compliant                     |
| INPUT TYPE                           | Non-Inverting                                  |
| HIGH SIDE VOLTAGE - MAX (BOOTSTRAP)  | 600V   |
| GATE TYPE                            | IGBT, N-Channel MOSFET                         |
| DRIVEN CONFIGURATION                 | Half-Bridge                                    |
| DETAILED DESCRIPTION                 | Half-Bridge Gate Driver IC Non-Inverting 8-SOP |
| CURRENT - PEAK OUTPUT (SOURCE, SINK) | 90mA, 180mA                                    |
| CHANNEL TYPE                         | Independent                                    |
| BASE PART NUMBER                     | FAN7380  |

### Related Tags

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|--|---|---|
| AMI Semiconductor / ON Semiconductor FAN7380M      | FAN7380M Distributor                                | FAN7380M Supplier                                 |
| FAN7380M Price                                     | FAN7380M Pictures                                   | FAN7380M Image                                    |
| FAN7380M PDF Datasheet                             | FAN7380M Download Datasheet                         | FAN7380M Datasheet                                |
| FAN7380M Stock                                     | Buy FAN7380M  | Buy AMI Semiconductor / ON Semiconductor FAN7380M |
| AMI Semiconductor / ON Semiconductor FAN7380M      | AMI Semiconductor / ON Semiconductor Supplier       | AMI Semiconductor / ON Semiconductor Distributor  |
| AMI Semiconductor / ON Semiconductor FAN7380M      | ON Semiconductor FAN7380M                           | Aptina / ON Semiconductor FAN7380M                |
| Catalyst Semiconductor / ON Semiconductor FAN7380M | PulseCore Semiconductor / ON Semiconductor FAN7380M | Sanyo Semiconductor / ON Semiconductor FAN7380M   |

### Related Products

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|---|---|
| <p><b>FAN7362MX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DRIVER HIGH SIDE 8SOP<br/>In stock: 88653 pcs<br/><b>RFQ</b></p>     | <p><b>FAN7382MX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC DRIVER GATE HALF BRIDGE 8SOIC<br/>In stock: 201886 pcs<br/><b>RFQ</b></p> |
| <p><b>FAN7382M1</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DRIVER HI LO SIDE 14-SOP<br/>In stock: 3225 pcs<br/><b>RFQ</b></p>   | <p><b>FAN7371MX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC DRIVER GATE HIGH SIDE 8SOP<br/>In stock: 90360 pcs<br/><b>RFQ</b></p>     |
| <p><b>FAN73711MX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DVR HIGH SIDE 8-SOP<br/>In stock: 181740 pcs<br/><b>RFQ</b></p>     | <p><b>FAN7382M1X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DRIVER HI/LO SIDE 14-SOP<br/>In stock: 74971 pcs<br/><b>RFQ</b></p> |
| <p><b>FAN7382M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC DRIVER GATE HALF BRIDGE 8SOIC<br/>In stock: 6604 pcs<br/><b>RFQ</b></p>    | <p><b>FAN73711M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DVR HIGH SIDE 8-SOIC<br/>In stock: 6960 pcs<br/><b>RFQ</b></p>       |
| <p><b>FAN7380MX-OP</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: HALF BRIDGE GATE DRIVER<br/>In stock: 158395 pcs<br/><b>RFQ</b></p>       | <p><b>FAN7371M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DRIVER HIGH SIDE 8-SOP<br/>In stock: 5219 pcs<br/><b>RFQ</b></p>      |
| <p><b>FAN7380MX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC DRIVER GATE HALF BRIDGE 8SOIC<br/>In stock: 179724 pcs<br/><b>RFQ</b></p> | <p><b>FAN7362M</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC GATE DRIVER HIGH SIDE 8SOP<br/>In stock: 4546 pcs<br/><b>RFQ</b></p>       |