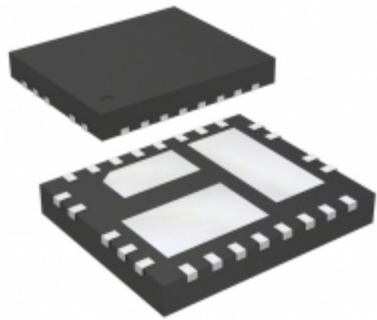


FAN2108EMPX



ON Semiconductor®

Part Number: [FAN2108EMPX](#)

Manufacturer: [AMI Semiconductor / ON Semiconductor](#)

Description: IC REG BUCK ADJ 8A SYNC 25MLP

Data sheet:  [FAN2108](#)

RoHs Status: Lead free / RoHS Compliant

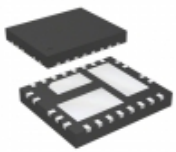
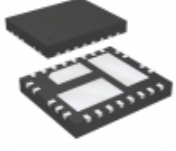
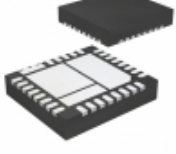
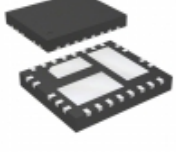
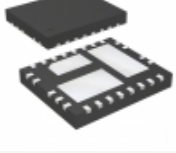
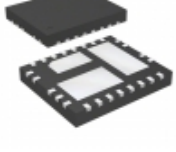
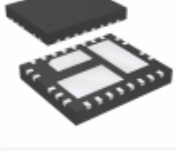
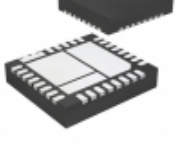
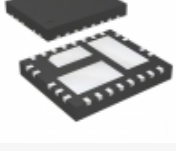
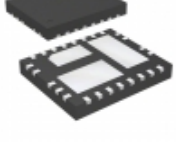
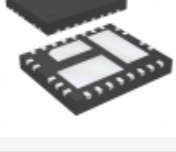
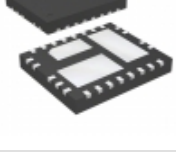
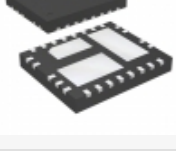
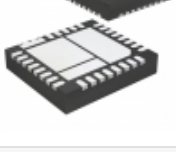
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                  |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | FAN2108EMPX                               | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                                 |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK ADJ 8A SYNC 25MLP             | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 40246 pcs                                 | Data sheet                       | <a href="#">FAN2108</a>                                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)     | 0.8V                                                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 19.2V                                     | Voltage - Input (Min)            | 3V                                                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 24V                                       | Topology                         | Buck                                                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Yes                                       | Supplier Device Package          | 25-MLP (6x5)                                                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | TinyBuck®                                 | Packaging                        | Tape & Reel (TR)                                                                     |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 25-WQFN Exposed Pad                       | Output Type                      | Adjustable                                                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive                                  | Other Names                      | FAN2108EMPXFSTR<br>FAN2108EMPXTR<br>FAN2108EMPXTR-ND                                 |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | -40°C ~ 85°C (TA)                         | Number of Outputs                | 1                                                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Surface Mount                             | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                                        |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Function                         | Step-Down                                                                            |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 300kHz ~ 600kHz                           | Detailed Description             | Buck Switching Regulator IC Positive Adjustable 0.8V 1 Output 8A 25-WQFN Exposed Pad |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 8A                                        | Base Part Number                 | FAN2108                                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                    |                                                                     |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">FAN2106EMPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 25MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2106MPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 25MLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2011MPX</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 6MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2306MAMPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 34PQFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2011EMPX</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 6MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2108MPX</a><br>Description: IC REG BUCK ADJ 8A SYNC 25MLP    | Manufacturers: <a href="#">Fairchild/ON Semiconductor</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2012MPX</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 6MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN21SV04EMPX</a><br>Description: IC REG BUCK ADJ 4A SYNC 25MLP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2110MPX</a><br>Description: IC REG BUCK ADJ 10A SYNC 25MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN21SV06EMPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 25MLP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2306AMPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 34PQFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2103MPX</a><br>Description: IC REG BUCK ADJ 3A SYNC 25MLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN21SV04MPX</a><br>Description: IC REG BUCK ADJ 4A SYNC 25MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2013BMPX</a><br>Description: IC REG BUCK ADJ 2A SYNC 6MLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2013MPX</a><br>Description: IC REG BUCK ADJ 2A SYNC 6MLP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2103EMPX</a><br>Description: IC REG BUCK ADJ 3A SYNC 25MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2110EMPX</a><br>Description: IC REG BUCK ADJ 10A SYNC 25MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN21SV06MPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 25MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2306MMPX</a><br>Description: IC REG BUCK ADJ 6A SYNC 34PQFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN2012EMPX</a><br>Description: IC REG BUCK ADJ 1.5A SYNC 6MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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