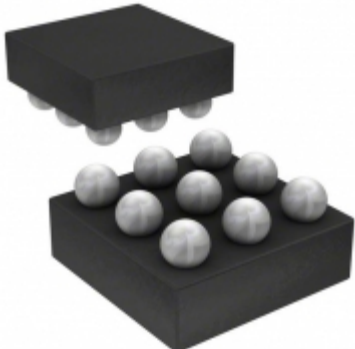


FAN48614BUC50X



**ON Semiconductor®** 

**Part Number:** [FAN48614BUC50X](#)

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

**Description:** IC REG BOOST 5V SYNC 9WLCSP

**Data sheet:**  [FAN48614](#)

**RoHs Status:** Lead free / RoHS Compliant

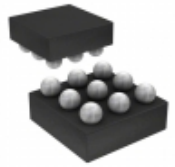
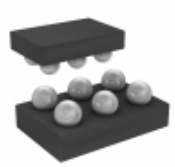
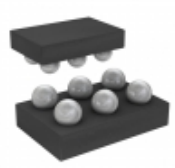
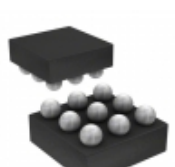
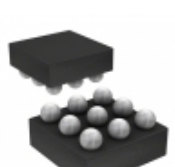
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy FAN48614BUC50X with confidence from  
Component-World.HK, 1 Year Warranty

Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                        |                                  |                                                      |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | FAN48614BUC50X                                                         | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC REG BOOST 5V SYNC 9WLCSP                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 196987 pcs                                                             | Data sheet                       | <a href="#">FAN48614</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                              | Voltage - Output (Min/Fixed)     | 5V                                                   |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | -                                                                      | Voltage - Input (Min)            | 2.7V                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4.5V                                                                   | Topology                         | Boost                                                |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                  | Yes                                                                    | Supplier Device Package          | 9-WLCSP (1.21x1.21)                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TinyBoost®                                                             | Packaging                        | Original-Reel®                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9-UFBGA, WLCSP                                                         | Output Type                      | Fixed                                                |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                   | Positive                                                               | Other Names                      | FAN48614BUC50XDKR                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                  | -40°C ~ 85°C (TA)                                                      | Number of Outputs                | 1                                                    |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface Mount                                                          | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                        |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                        | 5 Weeks                                                                | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                               | Step-Up                                                                | Frequency - Switching            | -                                                    |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                   | Boost Switching Regulator IC Positive Fixed 5V 1 Output 9-UFBGA, WLCSP | Current - Output                 | -                                                    |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 196987 pieces of AMI Semiconductor / ON Semiconductor FAN48614BUC50X in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.<br>RFQ Email: info@Components-World.com |                                                                        |                                  |                                                      |

| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">FAN48610BUC45X</a><br>Description: 3 MHZ 1A FIXED OUTPUT SYNCHRONOU | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48619UC50X</a><br>Description: IC REG BOOST 5V 1A SYNC 9WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN4860UC33X</a><br>Description: IC REG BOOST 3.3V 0.65A 6WLCSP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN4860UC54X</a><br>Description: IC REG BOOST 5.4V 1A SYNC 6WLCSP   | Manufacturers: <a href="#">Fairchild/ON Semiconductor</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">FAN4860UC5X</a><br>Description: IC REG BST 5V 0.93A SYNC 6WLCSP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48623UC35X</a><br>Description: IC REG BOOST PROG 2.5A 16WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48623UC36FX</a><br>Description: 3MHZ 2.5A TINYBOOST              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48610BUC50X</a><br>Description: IC REG BOOST 5V 1A SYNC 9WLCSP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48623UC33X</a><br>Description: IC REG BOOST PROG 2.5A 16WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48611UC53X</a><br>Description: 3 MHZ FIXED OUTPUT SYNCHRONOUS T  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48617UC50X</a><br>Description: IC REG BOOST 5V 1A SYNC 9WLCSP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48618BUC53X</a><br>Description: 1.2A / 5.25V BOOST REGULATOR     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48610UC50X</a><br>Description: IC REG BOOST 5V 1A SYNC 9WLCSP    | Manufacturers: <a href="#">Fairchild/ON Semiconductor</a>           | <div>RFQ</div> |
|  | Part#: <a href="#">FAN4858TZ</a><br>Description: IC REG BOOST 0.6A 6SSOT               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48615UC11X</a><br>Description: FIXED OUTPUT SYNCHRONOUS TINYBOO  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48615UC08X</a><br>Description: FIXED OUTPUT SYNCHRONOUS TINYBOO  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48623UC32JX</a><br>Description: IC REG BOOST PROG 2.5A 16WLCSP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48623UC315X</a><br>Description: IC REG BOOST PROG 2.5A 16WLCSP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN48610BUC33X</a><br>Description: IC REG BOOST 3.3V 1A SYNC 9WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN4860UMP5X</a><br>Description: IC REG BOOST 5V 0.93A SYNC 6UMLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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|                                        |                                      |                                           |                                            |
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