

FAN53555UC05X



ON Semiconductor®

Part Number: [FAN53555UC05X](#)

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

Description: IC REG BUCK PROG 5A SYNC 20WLCSP

Data sheet:  [FAN53555](#)

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.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                    |                                  |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                           | FAN53555UC05X                                                                      | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                           | IC REG BUCK PROG 5A SYNC 20WLCSP                                                   | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                    | 138364 pcs                                                                         | Data sheet                       | <a href="#">FAN53555</a>                             |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                              | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - Output (Min/Fixed)     | 0.6V                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 1.23V                                                                              | Voltage - Input (Min)            | 2.5V                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                 | 5.5V                                                                               | Topology                         | Buck                                                 |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                                 | Yes                                                                                | Supplier Device Package          | 20-WLCSP                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                | TinyBuck®                                                                          | Packaging                        | Cut Tape (CT)                                        |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                        | 20-UFBGA, WLCSP                                                                    | Output Type                      | Programmable                                         |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                  | Positive                                                                           | Other Names                      | FAN53555UC05XCT                                      |
| 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                                                                                                                                                                                                                                                                                                                                                                                                                       | 8 Weeks                                                                            | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                           |
| Function                                                                                                                                                                                                                                                                                                                                                                                                                                              | Step-Down                                                                          | Frequency - Switching            | 2.4MHz                                               |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                  | Buck Switching Regulator IC Positive Programmable 0.6V 1 Output 5A 20-UFBGA, WLCSP | Current - Output                 | 5A                                                   |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                      | FAN53555                                                                           |                                  |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                     |                |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">FAN53555UC09X</a><br>Description: IC REG BUCK PROG 3A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC03X</a><br>Description: IC REG BUCK PROG 1A SYNC 12WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555BUC24X</a><br>Description: IC REG BUCK PROG 4A SYNC 20WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC24X</a><br>Description: IC REG BUCK PROG 4A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC01X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC18X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC042X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555BUC13X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC04X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC02X</a><br>Description: IC REG BUCK PROG 0.8A 12WLCSP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC03X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555BUC79X</a><br>Description: DC/DC DVS BUCK 5.0A              | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC13X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC00X</a><br>Description: IC REG BUCK PROG 0.8A 12WLCSP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555MP00X</a><br>Description: IC REG BUCK PROG 0.8A SYNC 10MLP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC00X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">FAN53555BUC23X</a><br>Description: IC REG BUCK PROG 5A SYNC 20WLCSP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC08X</a><br>Description: IC REG BUCK PROG 4A SYNC 20WLCSP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">FAN53555UC08X</a><br>Description: IC REG BUCK PROG 1.1A 12WLCSP     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

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