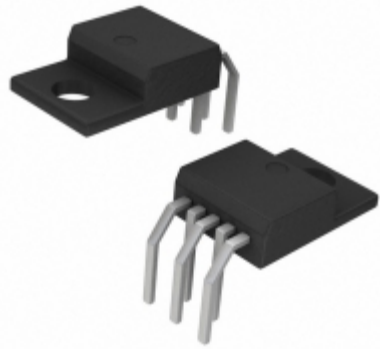


MC34166THG



**ON Semiconductor®**

**Part Number:** [MC34166THG](#)

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

**Description:** IC REG BUCK BOOST INV ADJ TO220

**Data sheet:**  [MC34166, 33166](#)

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

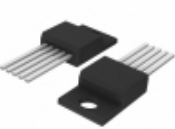
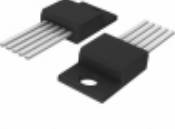
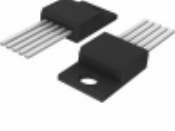
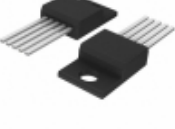
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy MC34166THG with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                           |                                 |                                                                                                                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                       | MC34166THG                                | Manufacturer                    | <a href="#">AMI Semiconductor / ON Semiconductor</a>                                                                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                       | IC REG BUCK BOOST INV ADJ TO220           | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                            |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                | 42266 pcs                                 | Data sheet                      | <a href="#">MC34166, 33166</a>                                                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                          | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Output (Min/Fixed)    | 5.05V                                                                                                                 |
| Voltage - Output (Max)                                                                                                                                                                                                                                                                                                                                                                                                                            | 40V (Switch)                              | Voltage - Input (Min)           | 7.5V                                                                                                                  |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                             | 40V                                       | Topology                        | Buck, Boost                                                                                                           |
| Synchronous Rectifier                                                                                                                                                                                                                                                                                                                                                                                                                             | No                                        | Supplier Device Package         | TO-220-5 Horizontal                                                                                                   |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Packaging                       | Tube                                                                                                                  |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                    | TO-220-5 Formed Leads                     | Output Type                     | Adjustable                                                                                                            |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                              | Positive or Negative                      | Operating Temperature           | 0°C ~ 70°C (TA)                                                                                                       |
| Number of Outputs                                                                                                                                                                                                                                                                                                                                                                                                                                 | 1                                         | Mounting Type                   | Through Hole                                                                                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                  | 1 (Unlimited)                             | Manufacturer Standard Lead Time | 2 Weeks                                                                                                               |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                    | Lead free / RoHS Compliant                | Function                        | Step-Up, Step-Down                                                                                                    |
| Frequency - Switching                                                                                                                                                                                                                                                                                                                                                                                                                             | 72kHz                                     | Detailed Description            | Buck, Boost Switching Regulator IC Positive or Negative Adjustable 5.05V 1 Output 3.3A (Switch) TO-220-5 Formed Leads |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                  | 3.3A (Switch)                             | Base Part Number                | MC34166                                                                                                               |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 42266 pieces of AMI Semiconductor / ON Semiconductor MC34166THG 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="#">MC34166D2TG</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166TV</a><br>Description: IC REG BUCK BOOST INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167T</a><br>Description: IC REG BUCK BOOST INV ADJ TO220       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167D2TR4</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166TH</a><br>Description: IC REG BUCK BOOST INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34164SN-5T1</a><br>Description: IC SENSr UNDERVOLTAGE 5V 5TSOP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167D2TR4G</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167D2T</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34164P-5RPG</a><br>Description: IC SENSOR UNDERVOLT 5V TO-226AA  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167THG</a><br>Description: IC REG BUCK BOOST INV ADJ TO220     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166D2TR4</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166D2TR4G</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166TVG</a><br>Description: IC REG BUCK BOOST INV ADJ TO220     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167TH</a><br>Description: IC REG BUCK BOOST INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166D2T</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34164SN-5T1G</a><br>Description: IC SENSOR UNDERVOLTAGE 5V 5TSOP | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167TG</a><br>Description: IC REG BUCK BOOST INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166T</a><br>Description: IC REG BUCK BOOST INV ADJ TO220       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34166TG</a><br>Description: IC REG BUCK BOOST INV ADJ TO220      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC34167D2TG</a><br>Description: IC REG BUCK BOOST INV ADJ D2PAK    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for MC34166THG        |                                      |                                           |                                            |
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| MC34166THG                             | MC34166THG download datasheet        | MC34166THG datasheet                      | MC34166THG stock                           |
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|                                        |                                      | MC34166THG                                | MC34166THG                                 |
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| MC34166THG                             |                                      |                                           |                                            |

