

FAN1581DX



**ON Semiconductor®** 

**Part Number:** [FAN1581DX](#)

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

**Description:** IC REG LINEAR POS ADJ 5A TO252-5

**Data sheet:**  [FAN1581](#)

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

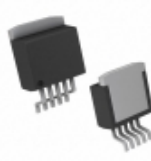
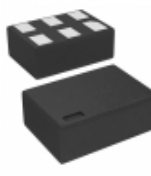
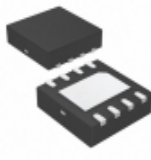
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                     |                                |                                                      |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | FAN1581DX                                                                           | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                     | IC REG LINEAR POS ADJ 5A TO252-5                                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                              | 5183 pcs                                                                            | Data sheet                     | <a href="#">FAN1581</a>                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                        | <a href="#">Integrated Circuits (ICs)</a>                                           | Voltage Dropout (Max)          | 1.18V @ 5A                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                    | 1.25V                                                                               | Voltage - Output (Max)         | 5.7V                                                 |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                           | 7V                                                                                  | Supplier Device Package        | TO-252-5                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                          | -                                                                                   | Protection Features            | Over Current, Over Temperature                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                       | Tape & Reel (TR)                                                                    | Package / Case                 | TO-252-5, DPak (4 Leads + Tab), TO-252AD             |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                            | 80dB (120Hz)                                                                        | Output Type                    | Adjustable                                           |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                            | Positive                                                                            | Operating Temperature          | 0°C ~ 125°C                                          |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                                            | 1                                                                                   | Mounting Type                  | Surface Mount                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                | 1 (Unlimited)                                                                       | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                           |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                            | Linear Voltage Regulator IC Positive Adjustable 1 Output 1.25 V ~ 5.7 V 5A TO-252-5 | Current - Quiescent (Iq)       | 6mA                                                  |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                | 5A                                                                                  | Control Features               | -                                                    |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                | FAN1581                                                                             |                                |                                                      |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 5183 pieces of AMI Semiconductor / ON Semiconductor FAN1581DX 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="#">FAN1540BMPX</a><br>Description: IC REG LINEAR 3.3V 1.3A 6MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581T15</a><br>Description: IC REG LINEAR 1.5V 5A TO220-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581M12X</a><br>Description: IC REG LINEAR 1.2V 5A TO263-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1540D18X</a><br>Description: IC REG LINEAR 1.8V 1.3A DPAK   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1540MPX</a><br>Description: IC REG LINEAR 3.3V 1.3A 6MLP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1540DX</a><br>Description: IC REG LINEAR 3.3V 1.3A DPAK     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581M15X</a><br>Description: IC REG LINEAR 1.5V 5A TO263-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581T</a><br>Description: IC REG LINEAR POS ADJ 5A TO220-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581T25</a><br>Description: IC REG LINEAR 2.5V 5A TO220-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN156L6X-F106</a><br>Description: IC COMPARATOR LV 6-MICROPAK | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1540MMPX</a><br>Description: IC REG LINEAR 3.3V 1.3A 8MLP   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1582D12X</a><br>Description: IC REG LINEAR 1.2V 3A TO252-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581M25X</a><br>Description: IC REG LINEAR 2.5V 5A TO263-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN156L6X</a><br>Description: IC COMPARATOR LV 6-MICROPAK      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581M12</a><br>Description: IC REG LINEAR 1.2V 5A TO263-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581D15X</a><br>Description: IC REG LINEAR 1.5V 5A TO252-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581MX</a><br>Description: IC REG LINEAR POS ADJ 5A TO263-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1577AMX</a><br>Description: IC REG CTRLR BUCK 20SOIC        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1582D15X</a><br>Description: IC REG LINEAR 1.5V 3A TO252-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">FAN1581D25X</a><br>Description: IC REG LINEAR 2.5V 5A TO252-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

| Related keywords for FAN1581DX         |                                      |                                           |                                            |
|----------------------------------------|--------------------------------------|-------------------------------------------|--------------------------------------------|
| AMI Semiconductor / ON Semiconductor   | FAN1581DX distributor                | FAN1581DX supplier                        | FAN1581DX price                            |
| FAN1581DX                              | FAN1581DX download datasheet         | FAN1581DX datasheet                       | FAN1581DX stock                            |
| buy FAN1581DX                          | AMI Semiconductor / ON Semiconductor | ON Semiconductor FAN1581DX                | Aptina / ON Semiconductor FAN1581DX        |
|                                        | FAN1581DX                            | Catalyst Semiconductor / ON Semiconductor | PulseCore Semiconductor / ON Semiconductor |
|                                        |                                      | FAN1581DX                                 | FAN1581DX                                  |
| Sanyo Semiconductor / ON Semiconductor |                                      |                                           |                                            |
| FAN1581DX                              |                                      |                                           |                                            |

