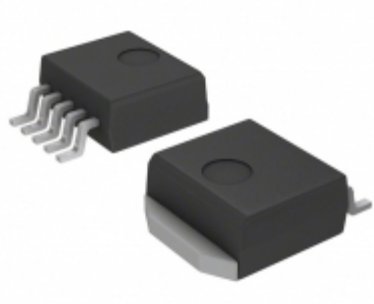


CS5253B-8GDPR5



**ON Semiconductor®** 

**Part Number:** [CS5253B-8GDPR5](#)

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

**Description** IC REG LINEAR 2.5V 3A D2PAK-5

**Data sheet:**  [CS5253B-8](#)

**RoHs Status:** Contains lead / RoHS non-compliant

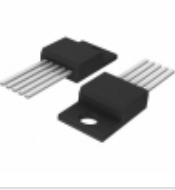
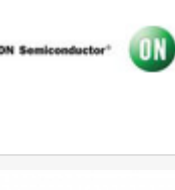
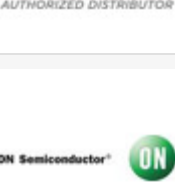
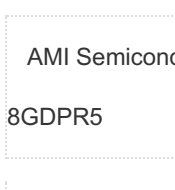
**Ship From:** Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
**Buy CS5253B-8GDPR5 with confidence from Component-World.HK, 1 Year Warranty**

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|---------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | CS5253B-8GDPR5                            | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 2.5V 3A D2PAK-5             | Lead Free Status / RoHS Status   | Contains lead / RoHS non-compliant                                  |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4505 pcs                                  | Data sheet                       | <a href="#">CS5253B-8</a>                                           |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 1.3V @ 3A                                                           |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.5V                                      | Voltage - Output (Max)           | -                                                                   |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 13V                                       | Supplier Device Package          | D2PAK-5                                                             |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Protection Features              | Over Current, Over Temperature, Short Circuit                       |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                   | TO-263-6, D²Pak (5 Leads + Tab), TO-263BA                           |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 80dB (120Hz)                              | Output Type                      | Fixed                                                               |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                  | Other Names                      | CS5253B-8GDPR5OS                                                    |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | 0°C ~ 70°C                                | Number of Regulators             | 1                                                                   |
| Mounting Type                                                                                                                                                                                                                                                                                                                                                                                                                                        | Surface Mount                             | Moisture Sensitivity Level (MSL) | 2 (1 Year)                                                          |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                       | Contains lead / RoHS non-compliant        | Detailed Description             | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 3A D2PAK-5 |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                                             | 10mA                                      | Current - Output                 | 3A                                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                                                     | -                                         | Base Part Number                 | CS5253B                                                             |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4505 pieces of AMI Semiconductor / ON Semiconductor CS5253B-8GDPR5 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="#">CS5253B-8GDPR5G</a><br>Description: IC REG LINEAR 2.5V 3A D2PAK-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5212GDR14</a><br>Description: IC REG CTRLR BUCK 14SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5257A-1GT5</a><br>Description: IC REG LINEAR POS ADJ 7A TO220-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5307GDWR24</a><br>Description: IC REG CTRLR BUCK 24SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5308GDWR28</a><br>Description: IC REG CTRLR BUCK 28SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5301GDW32</a><br>Description: IC REG CTRLR BUCK 32SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5212EDR14</a><br>Description: IC REG CTRLR BUCK 14SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5233-3GDF8</a><br>Description: IC REG LINEAR 3.3V 500MA 8SOIC    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5258-1GT5</a><br>Description: IC REG LINEAR POS ADJ 8A TO220-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5231-3GDPR5</a><br>Description: IC REG LINEAR 3.3V 500MA D2PAK-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5319-000</a><br>Description: HEAT SHRINK TUBING                  | Manufacturers: <a href="#">Agastat Relays / TE Connectivity</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5211GDR14G</a><br>Description: IC REG CTRLR BUCK 14SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5257A-1GDP5</a><br>Description: IC REG LINEAR POS ADJ 7A D2PAK-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5301GDWR32G</a><br>Description: IC REG CTRLR BUCK 32SOIC         | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5211GDR14</a><br>Description: IC REG CTRLR BUCK 14SOIC           | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5253B-1GDP5</a><br>Description: IC REG LINEAR POS ADJ 3A D2PAK-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5233-3GDPR5</a><br>Description: IC REG LINEAR 3.3V 1.5A D2PAK-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5253-1GDP5</a><br>Description: IC REG LINEAR POS ADJ 3A D2PAK-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5231-3GDFR8</a><br>Description: IC REG LINEAR 3.3V 500MA 8SOIC   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">CS5301GDW32G</a><br>Description: IC REG CTRLR BUCK 32SOIC          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <a href="#">RFQ</a> |

Related keywords for CS5253B-8GDPR5

|                                                     |                                                     |                                           |                                            |
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