

REG103FA-2.5/500G3



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Part Number: [REG103FA-2.5/500G3](#)

Manufacturer: [N/A](#)

Description: [IC REG LIN 2.5V 500MA DDPAK](#)

Data sheet:

RoHs Status: [Lead free / RoHS Compliant](#)

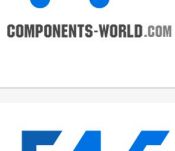
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                               |                                |                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------------------------------|--------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                    | REG103FA-2.5/500G3                                                            | Manufacturer                   | N/A                                                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                    | IC REG LIN 2.5V 500MA DDPAK                                                   | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                             |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                             | 19338 pcs                                                                     | Data sheet                     |                                                        |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a>                                     | Voltage Dropout (Max)          | 0.28V @ 500mA                                          |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                   | 2.5V                                                                          | Voltage - Output (Max)         | -                                                      |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                          | 15V                                                                           | Supplier Device Package        | DDPAK/TO-263-5                                         |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                             | Protection Features            | Over Current, Over Temperature                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                                                              | Package / Case                 | TO-263-6, D <sup>2</sup> Pak (5 Leads + Tab), TO-263BA |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                           | 65dB (120Hz)                                                                  | Output Type                    | Fixed                                                  |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                           | Positive                                                                      | Operating Temperature          | -40°C ~ 85°C                                           |
| Number of Regulators                                                                                                                                                                                                                                                                                                                                                                                                           | 1                                                                             | Mounting Type                  | Surface Mount                                          |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                               | 2 (1 Year)                                                                    | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                             |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                           | Linear Voltage Regulator IC Positive Fixed 1 Output 2.5V 500mA DDPAK/TO-263-5 | Current - Supply (Max)         | 1.3mA                                                  |
| Current - Quiescent (Iq)                                                                                                                                                                                                                                                                                                                                                                                                       | 0.7mA                                                                         | Current - Output               | 500mA                                                  |
| Control Features                                                                                                                                                                                                                                                                                                                                                                                                               | Enable                                                                        | Base Part Number               | REG103-25                                              |
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| RELATED PRODUCTS                                                                   |                                                                                                           |                                    |                |
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|  | Part#: <a href="#">REG102UA-A/2K5</a><br>Description: <a href="#">IC REG LIN POS ADJ 250MA 8SOIC</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA-5G4</a><br>Description: <a href="#">IC REG LINEAR 5V 250MA 8SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA-AG4</a><br>Description: <a href="#">IC REG LIN POS ADJ 250MA 8SOIC</a>        | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.5/500</a><br>Description: <a href="#">IC REG LIN 2.5V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA-5</a><br>Description: <a href="#">IC REG LINEAR 5V 250MA 8SOIC</a>            | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA-5/2K5G4</a><br>Description: <a href="#">IC REG LINEAR 5V 250MA 8SOIC</a>      | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">REG103FA-3.3/500</a><br>Description: <a href="#">IC REG LIN 3.3V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.5KTTTG3</a><br>Description: <a href="#">IC REG LIN 2.5V 500MA DDPAK</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.5KTTT</a><br>Description: <a href="#">IC REG LIN 2.5V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA-A</a><br>Description: <a href="#">IC REG LIN POS ADJ 250MA 8SOIC</a>          | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-3.3KTTT</a><br>Description: <a href="#">IC REG LIN 3.3V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-3/500</a><br>Description: <a href="#">IC REG LIN 3V 500MA DDPAK</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.7KTTT</a><br>Description: <a href="#">IC REG LIN 2.7V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-3.3KTTTG3</a><br>Description: <a href="#">IC REG LIN 3.3V 500MA DDPAK</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.7/500</a><br>Description: <a href="#">IC REG LIN 2.7V 500MA DDPAK</a>       | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.7KTTTG3</a><br>Description: <a href="#">IC REG LIN 2.7V 500MA DDPAK</a>     | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG103FA-2.7</a><br>Description: <a href="#">IC REG LIN 2.7V 500MA DDPAK</a>           | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |
|  | Part#: <a href="#">REG102UA2.85/2K5G4</a><br>Description: <a href="#">IC REG LINEAR 2.85V 250MA 8SOIC</a> | Manufacturers: <a href="#">N/A</a> | <div>RFQ</div> |

Related keywords for REG103FA-2.5/500G3

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