

ILC7083AIM527X



ON Semiconductor®

Part Number: [ILC7083AIM527X](#)

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

Description: IC REG LINEAR 2.7V 150mA SOT23-5

Data sheet:  [ILC7083/84](#)

RoHs Status: Lead free / RoHS Compliant

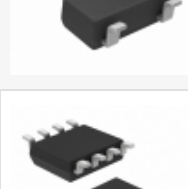
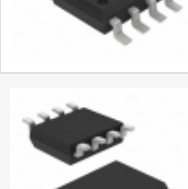
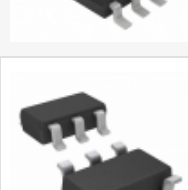
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                           |                                  |                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|----------------------------------|-------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                          | ILC7083AIM527X                            | Manufacturer                     | <a href="#">AMI Semiconductor / ON Semiconductor</a>                    |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                          | IC REG LINEAR 2.7V 150mA SOT23-5          | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                              |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4376 pcs                                  | Data sheet                       | <a href="#">ILC7083/84</a>                                              |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                             | <a href="#">Integrated Circuits (ICs)</a> | Voltage Dropout (Max)            | 0.3V @ 150mA                                                            |
| Voltage - Output (Min/Fixed)                                                                                                                                                                                                                                                                                                                                                                                                                         | 2.7V                                      | Voltage - Output (Max)           | -                                                                       |
| Voltage - Input (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                | 13V                                       | Supplier Device Package          | SOT-23-5                                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                               | -                                         | Protection Features              | Over Current, Over Temperature                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                            | Tape & Reel (TR)                          | Package / Case                   | SC-74A, SOT-753                                                         |
| PSRR                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 85dB ~ 60dB (1kHz ~ 1MHz)                 | Output Type                      | Fixed                                                                   |
| Output Configuration                                                                                                                                                                                                                                                                                                                                                                                                                                 | Positive                                  | Other Names                      | ILC7083AIM527X-ND<br>ILC7083AIM527XTR                                   |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                | -40°C ~ 85°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 Fixed 1 Output 2.7V 150mA SOT-23-5 |
| Current - Supply (Max)                                                                                                                                                                                                                                                                                                                                                                                                                               | 280µA                                     | Current - Quiescent (Iq)         | 220µA                                                                   |
| Current - Output                                                                                                                                                                                                                                                                                                                                                                                                                                     | 150mA                                     | Control Features                 | Enable                                                                  |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                     | ILC7083                                   |                                  |                                                                         |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all AMI Semiconductor / ON Semiconductor series electronic components. We have 4376 pieces of AMI Semiconductor / ON Semiconductor ILC7083AIM527X 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="#">ILC7280AR3333X</a><br>Description: IC REG LINEAR 3.3V/3.3V 8MSOP    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIM5285X</a><br>Description: IC REG LIN 2.85V 150mA SOT23-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7080AIM528X</a><br>Description: IC REG LINEAR 2.8V 50mA SOT23-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7280AR8585X</a><br>Description: IC REG LINEAR 2.85V/2.85V 8MSOP  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILCT6</a><br>Description: OPTOISOLTR 5.3KV 2CH TRANS 8-DIP          | Manufacturers: <a href="#">Vishay / Semiconductor - Opto Division</a> | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIM530X</a><br>Description: IC REG LINEAR 3V 150mA SOT23-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7011AIC529X</a><br>Description: IC REG LINEAR 2.9V 80mA SC70-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7071AIM528X</a><br>Description: IC REG LINEAR 2.8V 100mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIK30X</a><br>Description: IC REG LINEAR 3V 150mA 8SOIC      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7084AIM5ADJX</a><br>Description: IC REG LIN POS ADJ 150mA 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7080AIM529X</a><br>Description: IC REG LINEAR 2.9V 50mA SOT23-5  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7010AIC529X</a><br>Description: IC REG LINEAR 2.9V 80mA SC70-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7280AR2530X</a><br>Description: IC REG LINEAR 2.5V/3V 8MSOP      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIM536X</a><br>Description: IC REG LINEAR 3.6V 150mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7071AIM529X</a><br>Description: IC REG LINEAR 2.9V 100mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIM5ADJX</a><br>Description: IC REG LIN POS ADJ 150mA 8SOIC  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7083AIM525X</a><br>Description: IC REG LINEAR 2.5V 150mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7011AIC528X</a><br>Description: IC REG LINEAR 2.8V 80mA SC70-5   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7071AIM527X</a><br>Description: IC REG LINEAR 2.7V 100mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |
|  | Part#: <a href="#">ILC7082AIM545X</a><br>Description: IC REG LINEAR 4.5V 150mA SOT23-5 | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a>   | <div>RFQ</div> |

Related keywords for ILC7083AIM527X

|                                                          |                                                        |                                                                                                |                                                                                                          |
|----------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor<br>ILC7083AIM527X   | ILC7083AIM527X distributor                             | ILC7083AIM527X supplier                                                                        | ILC7083AIM527X price                                                                                     |
|                                                          | ILC7083AIM527X download datasheet                      | ILC7083AIM527X datasheet                                                                       | ILC7083AIM527X stock                                                                                     |
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