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Image may be representation. See specifications for product details.

ILC7083AIK30X

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | ILC7083AIK30X                                                                                                |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC REG LINEAR 3V 150MA 8SOIC                                                                                 |
| Datasheets:         |  ILC7083AIK30X.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of ILC7083AIK30X

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | ILC7083AIK30X                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                  |
| DESCRIPTION                      | IC REG LINEAR 3V 150MA 8SOIC                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  ILC7083AIK30X.pdf |
| VOLTAGE DROPOUT (MAX)            | 0.3V @ 150mA                                                                                          |
| VOLTAGE - OUTPUT (MIN/FIXED)     | 3V                                                                                                    |
| VOLTAGE - OUTPUT (MAX)           | -                                                                                                     |
| VOLTAGE - INPUT (MAX)            | 13V                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                                                                |
| SERIES                           | -                                                                                                     |
| PROTECTION FEATURES              | Over Current, Over Temperature                                                                        |
| PACKAGING                        | Tape & Reel (TR)                                                                                      |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                                                         |
| PSRR                             | 85dB ~ 60dB (1kHz ~ 1MHz)                                                                             |
| OUTPUT TYPE                      | Fixed                                                                                                 |
| OUTPUT CONFIGURATION             | Positive                                                                                              |
| 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 3V 150mA 8-SOIC                                   |
| CURRENT - SUPPLY (MAX)           | 280µA                                                                                                 |
| CURRENT - QUIESCENT (IQ)         | 220µA                                                                                                 |
| CURRENT - OUTPUT                 | 150mA                                                                                                 |
| CONTROL FEATURES                 | Enable                                                                                                |
| BASE PART NUMBER                 | ILC7083                                                                                               |

Related Tags

|                                                         |                                                          |                                                        |
|---------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor ILC7083AIK30X      | ILC7083AIK30X Distributor                                | ILC7083AIK30X Supplier                                 |
| ILC7083AIK30X Price                                     | ILC7083AIK30X Pictures                                   | ILC7083AIK30X Image                                    |
| ILC7083AIK30X PDF Datasheet                             | ILC7083AIK30X Download Datasheet                         | ILC7083AIK30X Datasheet                                |
| ILC7083AIK30X Stock                                     | Buy ILC7083AIK30X                                        | Buy AMI Semiconductor / ON Semiconductor ILC7083AIK30X |
| AMI Semiconductor / ON Semiconductor ILC7083AIK30X      | AMI Semiconductor / ON Semiconductor Supplier            | AMI Semiconductor / ON Semiconductor Distributor       |
| AMI Semiconductor / ON Semiconductor ILC7083AIK30X      | ON Semiconductor ILC7083AIK30X                           | Aptina / ON Semiconductor ILC7083AIK30X                |
| Catalyst Semiconductor / ON Semiconductor ILC7083AIK30X | PulseCore Semiconductor / ON Semiconductor ILC7083AIK30X | Sanyo Semiconductor / ON Semiconductor ILC7083AIK30X   |

Related Products

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| <div></div> <div><b>ILC7083AIM536X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3.6V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>ILC7080AIM528X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.8V 50MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>  |
| <div></div> <div><b>ILC7080AIM529X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.9V 50MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>ILC7071AIM529X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.9V 100MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>ILC7083AIM5ADJX</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LIN POS ADJ 150MA 8SOIC<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>ILC7082AIM545X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 4.5V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>ILC7083AIM5285X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LIN 2.85V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>  | <div></div> <div><b>ILC7083AIM525X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.5V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>ILC7083AIM530X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 3V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div>   | <div></div> <div><b>ILC7071AIM528X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.8V 100MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |
| <div></div> <div><b>ILC7083AIM527X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.7V 150MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> | <div></div> <div><b>ILC7071AIM527X</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC REG LINEAR 2.7V 100MA SOT23-5<br/>In stock: Out stock<br/>RFQ</div> |