

NB7NPQ7041MMUTWG



ON Semiconductor®



Part Number:

NB7NPQ7041MMUTWG

Manufacturer:

AMI Semiconductor / ON Semiconductor

Description:

3.3V USB 3.1 QUAL CHANNEL

Data sheet:

 [NB7NPQ7041M](#)

RoHs Status:

Ship From:

Hong Kong

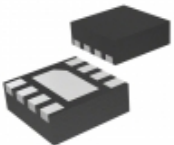
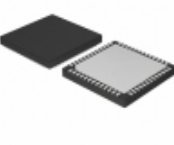
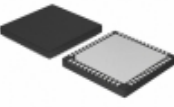
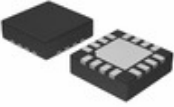
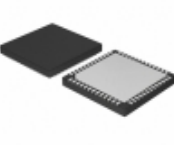
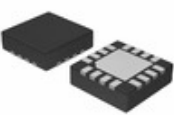
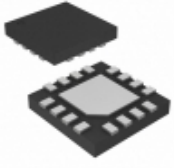
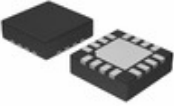
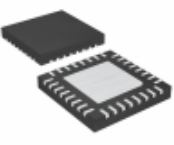
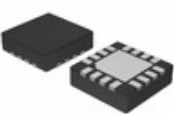
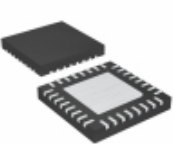
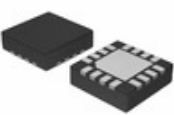
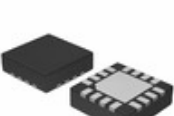
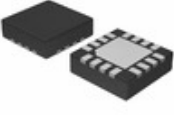
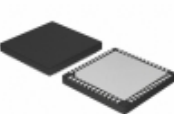
Shipment Way:

DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | NB7NPQ7041MMUTWG                          | Manufacturer                   | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3.3V USB 3.1 QUAL CHANNEL                 | Lead Free Status / RoHS Status |                                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 51692 pcs                                 | Data sheet                     | <a href="#">NB7NPQ7041M</a>                          |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 3.135 V ~ 3.465 V                                    |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Buffer, ReDriver                          | Supplier Device Package        | 36-X2QFN (3.1x4.3)                                   |
| Signal Conditioning                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Input Equalization, Output De-Emphasis    | Series                         | -                                                    |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 36-XFQFN Exposed Pad                      | Output                         | Differential                                         |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | -40°C ~ 85°C (TA)                         | Number of Channels             | 4                                                    |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4 Weeks                                   | Lead Free Status               | Lead free                                            |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Differential                              | Detailed Description           | Buffer, ReDriver 4 Channel 10Gbps 36-X2QFN (3.1x4.3) |
| Delay Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 110ps                                     | Data Rate (Max)                | 10Gbps                                               |
| Current - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 260mA                                     | Capacitance - Input            | 1.25pF                                               |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | USB                                       |                                |                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                       |                                                                     |                |
|------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------|----------------|
|  | Part#: <a href="#">NB7NPQ701MMTTBG</a><br>Description: IC REDRIVER 1 CHAN USB 8WDFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7N017MMNR2</a><br>Description: IC DIVIDER 8BIT DUAL CML 52-QFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7N017MMNR2G</a><br>Description: IC DIVIDER 8BIT DUAL CML 52-QFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V32MMNGEBV</a><br>Description: BOARD EVAL NB7V32M               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V32MMNG</a><br>Description: IC CLOCK DIVIDER 1.8/2.5V 16-QFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7N017MMN</a><br>Description: IC DIVIDER 8BIT DUAL CML 52-QFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V32MMNTXG</a><br>Description: IC CLOCK DIVIDER 1.8/2.5V 16-QFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7NPQ702MMUTXG</a><br>Description: IC REDRIVER 2 CHAN USB 16UQFN  | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V33MMNHTBG</a><br>Description: IC CLK DIVIDER 1:1 10GHZ 16QFN   | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7LQ572MNR4G</a><br>Description: IC CLK BUFFER 4:2 7GHZ 32QFN     | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V33MMNG</a><br>Description: IC CLK DIVIDER 1:1 10GHZ 16QFN      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7LQ572MNG</a><br>Description: IC CLK BUFFER 4:2 7GHZ 32QFN       | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7NPQ7021MMUTXG</a><br>Description: DUAL CHANNEL USB 3.0/3.1      | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7N017MEVB</a><br>Description: BOARD EVAL BBG NB7N017MMN          | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V33MMNGEBV</a><br>Description: BOARD EVAL NB7V33M               | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V32MMNHTBG</a><br>Description: IC CLOCK DIVIDER 1.8/2.5V 16-QFN | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V33MMNTXG</a><br>Description: IC CLK DIVIDER 1:1 10GHZ 16QFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V52MMNGEBV</a><br>Description: EVAL BOARD NB7V52MMNG            | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7V52MMNG</a><br>Description: IC FF D-TYPE SNGL 1BIT 16QFN        | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">NB7N017MMNG</a><br>Description: IC DIVIDER 8BIT DUAL CML 52-QFN    | Manufacturers: <a href="#">AMI Semiconductor / ON Semiconductor</a> | <div>RFQ</div> |

Related keywords for NB7NPQ7041MMUTWG

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