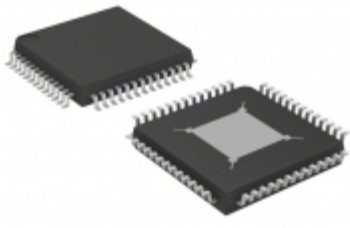


NB100LVEP221FARG



ON Semiconductor®

Part Number: NB100LVEP221FARG

Manufacturer: AMI Semiconductor / ON Semiconductor

Description: IC CLK BUFFER 2:20 1GHZ 52LQFP

Data sheet:  NB100LVEP221

RoHs Status: Lead free / RoHS Compliant

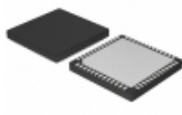
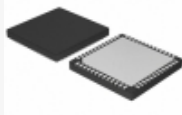
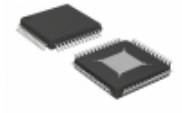
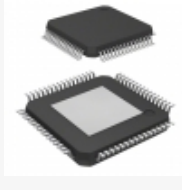
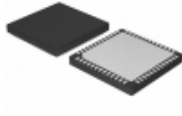
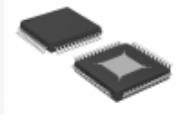
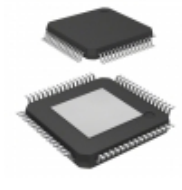
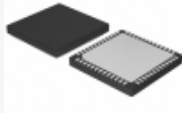
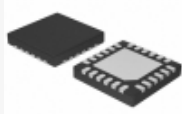
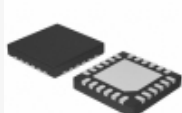
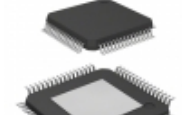
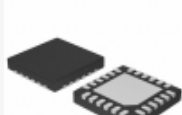
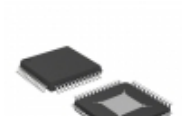
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
Buy NB100LVEP221FARG with confidence from  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                            | NB100LVEP221FARG                          | Manufacturer                   | AMI Semiconductor / ON Semiconductor                                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC CLK BUFFER 2:20 1GHZ 52LQFP            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4684 pcs                                  | Data sheet                     | NB100LVEP221                                                                     |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                               | Integrated Circuits (ICs)                 | Voltage - Supply               | 2.375 V ~ 3.8 V                                                                  |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fanout Buffer (Distribution), Multiplexer | Supplier Device Package        | 52-LQFP (10x10)                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100LVEP                                   | Ratio - Input:Output           | 2:20                                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tape & Reel (TR)                          | Package / Case                 | 52-LQFP Exposed Pad                                                              |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ECL, PECL                                 | Operating Temperature          | -40°C ~ 85°C                                                                     |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Mounting Type                  | Surface Mount                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                       | 3 (168 Hours)                             | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                       |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ECL, HSTL, LVPECL                         | Frequency - Max                | 1GHz                                                                             |
| Differential - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes/Yes                                   | Detailed Description           | Clock Fanout Buffer (Distribution), Multiplexer IC 2:20 1GHz 52-LQFP Exposed Pad |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                       | NB100LVEP221                              |                                |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                          |                                                     |     |
|------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------------------------------------|-----|
|  | Part#: NB100LVEP222MNG<br>Description: IC CLK BUFFER 1:15 1GHZ 52QFN     | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP222MNRG<br>Description: IC CLK BUFFER 1:15 1GHZ          | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP222FAG<br>Description: IC CLK BUFFER 1:15 1GHZ 52LQFP    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP224FAG<br>Description: IC CLK BUFFER 2:24 1GHZ 64LQFP    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP221MNRG<br>Description: IC CLK BUFFER 2:20 1GHZ 52QFN    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP221FAG<br>Description: IC CLK BUFFER 2:20 1GHZ 52LQFP    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP224FAR2<br>Description: IC CLK BUFFER 2:24 1GHZ 64LQFP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP221MNG<br>Description: IC CLK BUFFER 2:20 1GHZ 52QFN     | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17DTR2G<br>Description: IC DRV/RCV ECL QUAD DIFF 20TSSOP | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17MNG<br>Description: IC DRVR ECL QUAD 2.5V/3.3V 24QFN   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17DT<br>Description: IC DRV/RCV ECL QUAD DIFF 20TSSOP    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17MN<br>Description: IC DRVR ECL QUAD 2.5V/3.3V 24QFN    | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP224FARG<br>Description: IC CLK BUFFER 2:24 1GHZ 64LQFP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17MNR2G<br>Description: IC DRVR ECL QUAD 2.5V/3.3V 24QFN | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP222FAR2<br>Description: IC CLK BUFFER 1:15 1GHZ 52LQFP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17DTG<br>Description: IC DRV/RCV ECL QUAD DIFF 20TSSOP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17DTR2<br>Description: IC DRV/RCV ECL QUAD DIFF 20TSSOP  | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP222FARG<br>Description: IC CLK BUFFER 1:15 1GHZ 52LQFP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP17MNR2<br>Description: IC DRVR ECL QUAD 2.5V/3.3V 24QFN  | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |
|  | Part#: NB100LVEP221FAR2<br>Description: IC CLK BUFFER 2:20 1GHZ 52LQFP   | Manufacturers: AMI Semiconductor / ON Semiconductor | RFQ |

Related keywords for NB100LVEP221FARG

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