

MC100ES6221TB



Part Number: [MC100ES6221TB](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

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

Data sheet:  [MC100ES6221](#)

RoHs Status: Contains lead / RoHS non-compliant

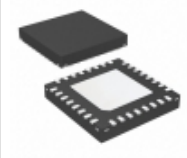
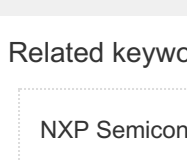
Ship From: Hong Kong

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

Images are for reference only.  
See Product Specifications for product details.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                           |                                |                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | MC100ES6221TB                             | Manufacturer                   | <a href="#">NXP Semiconductors / Freescale</a>                                   |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC CLK BUFFER 2:20 2GHZ 52LQFP            | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 4716 pcs                                  | Data sheet                     | <a href="#">MC100ES6221</a>                                                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 2.375 V ~ 3.465 V                                                                |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Fanout Buffer (Distribution), Multiplexer | Supplier Device Package        | 52-LQFP (10x10)                                                                  |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 100ES                                     | Ratio - Input:Output           | 2:20                                                                             |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Tray                                      | Package / Case                 | 52-LQFP Exposed Pad                                                              |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | ECL, PECL                                 | Operating Temperature          | -40°C ~ 110°C                                                                    |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1                                         | Mounting Type                  | Surface Mount                                                                    |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1 (Unlimited)                             | Lead Free Status / RoHS Status | Contains lead / RoHS non-compliant                                               |
| Input                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | ECL, HSTL, PECL                           | Frequency - Max                | 2GHz                                                                             |
| Differential - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Yes/Yes                                   | Detailed Description           | Clock Fanout Buffer (Distribution), Multiplexer IC 2:20 2GHz 52-LQFP Exposed Pad |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | MC100ES6221                               |                                |                                                                                  |
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| RELATED PRODUCTS                                                                   |                                                                                        |                                                                   |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|-------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">MC100ES6210AC</a><br>Description: IC CLK BUFFER 1:5 3GHZ 32TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6226FA</a><br>Description: IC CLK BUFFER 1:9 3GHZ 32LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6226AC</a><br>Description: IC CLK BUFFER 1:9 3GHZ 32TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6254AC</a><br>Description: IC CLK BUFFER 2:6 3GHZ 32TQFP     | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6210KLF</a><br>Description: IC CLK BUFFER 1:5 3GHZ 32VFQFPN  | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6254AC</a><br>Description: IC CLK BUFFER 2:3 3GHZ 32LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6221AER2</a><br>Description: IC CLK BUFFER 2:20 2GHZ 52PTQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6221AE</a><br>Description: IC CLK BUFFER 2:20 2GHZ 52PTQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6222TB</a><br>Description: IC CLK BUFFER 2:15 3GHZ 52LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6220AE</a><br>Description: IC CLK BUFFER 1:10 1GHZ 52PTQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6254ACR2</a><br>Description: IC CLK BUFFER 2:6 3GHZ 32TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6220TB</a><br>Description: IC CLK BUFFER 1:10 1GHZ 52LQFP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6222AE</a><br>Description: IC CLK BUFFER 2:15 3GHZ 52PTQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6222AER2</a><br>Description: IC CLK BUFFER 2:15 3GHZ 52PTQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6210ACR2</a><br>Description: IC CLK BUFFER 1:5 3GHZ 32TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6210FA</a><br>Description: IC CLK BUFFER 1:5 3GHZ 32LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6226ACR2</a><br>Description: IC CLK BUFFER 1:9 3GHZ 32TQFP   | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6220AER2</a><br>Description: IC CLK BUFFER 1:10 1GHZ 52PTQFP | Manufacturers: <a href="#">IDT (Integrated Device Technology)</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6226AC</a><br>Description: IC CLK BUFFER 1:9 3GHZ 32LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |
|  | Part#: <a href="#">MC100ES6210AC</a><br>Description: IC CLK BUFFER 1:5 3GHZ 32LQFP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a>     | <a href="#">RFQ</a> |

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|--------------------------------------------------------------|--------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|
| Related keywords for <b>MC100ES6221TB</b>                    |                                                  |                                         |                                                             |
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