

CBTL02043ABQ,115



Part Number: [CBTL02043ABQ,115](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MUX/DEMUX 2:1 PCI 20DHVQFN

Data sheet:  [CBTL02043\(A,B\)](#)

RoHs Status: Lead free / RoHS Compliant

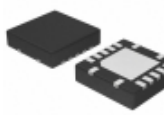
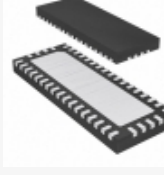
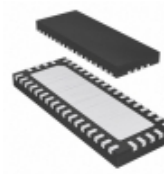
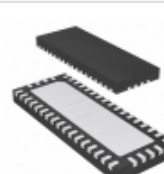
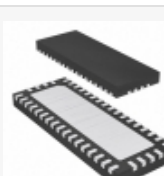
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| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                               |                                  |                                                                 |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------|----------------------------------|-----------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | CBTL02043ABQ,115                              | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                  |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | IC MUX/DEMUX 2:1 PCI 20DHVQFN                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 93666 pcs                                     | Data sheet                       | <a href="#">CBTL02043(A,B)</a>                                  |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | <a href="#">Integrated Circuits (ICs)</a>     | Voltage - Supply, Single (V+)    | 3 V ~ 3.6 V                                                     |
| Voltage - Supply, Dual (V±)                                                                                                                                                                                                                                                                                                                                                                                                                                                                | -                                             | Switch Circuit                   | -                                                               |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 20-DHVQFN (4.5x 2.5)                          | Series                           | -                                                               |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Tape & Reel (TR)                              | Package / Case                   | 20-VFQFN Exposed Pad                                            |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 568-6678-2<br>935294122115<br>CBTL02043ABQ115 | Operating Temperature            | -40°C ~ 85°C (TA)                                               |
| On-State Resistance (Max)                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6 Ohm (Typ)                                   | Number of Channels               | 2                                                               |
| Multiplexer/Demultiplexer Circuit                                                                                                                                                                                                                                                                                                                                                                                                                                                          | 2:1                                           | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                                   |
| Manufacturer Standard Lead Time                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 7 Weeks                                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                      |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Bi-Directional, SATA                          | Detailed Description             | DisplayPort, PCIe, USB Switch IC 2 Channel 20-DHVQFN (4.5x 2.5) |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | CBTL02043                                     | Applications                     | DisplayPort, PCIe, USB                                          |
| -3db Bandwidth                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 10GHz                                         |                                  |                                                                 |
| Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all NXP Semiconductors / Freescale series electronic components. We have 93666 pieces of NXP Semiconductors / Freescale CBTL02043ABQ,115 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: <a href="mailto:info@Components-World.com">info@Components-World.com</a> |                                               |                                  |                                                                 |

| RELATED PRODUCTS                                                                   |                                                                                         |                                                               |                |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">CBTL04083ABS,518</a><br>Description: IC MUX/DEMUX 2:1 4CH 42HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS020A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS045A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS035A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL02042BBQ,115</a><br>Description: IC MUX/DEMUX 2:1 PCI 20DHVQFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL04082BBS,518</a><br>Description: IC MUX/DEMUX 2:1 4CH 42HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL04DP211BS,518</a><br>Description: IC DISPLAYPORT MUX 32-HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS025A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL05023BS,118</a><br>Description: IC MUX/DEMUX 2:1 PCI 24HVQFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL04082ABS,518</a><br>Description: IC MUX/DEMUX 2:1 4CH 42HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL02042ABQ,115</a><br>Description: IC MUX/DEMUX 2:1 PCI 20DHVQFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS030A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS040A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL01023GM,115</a><br>Description: IC MUX/DEMUX 1CH 10-XQFN         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL03SB212BS,515</a><br>Description: IC MUX DISPL PORT GEN2 20HVQFN | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL02043BBQ,115</a><br>Description: IC MUX/DEMUX 2:1 PCI 20DHVQFN   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL04083BBS,518</a><br>Description: IC MUX/DEMUX 2:1 4CH 42HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">CBTL04GP043EXJ</a><br>Description: IC SW 4CH CROSSBAR 28XFBGA        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|   | Part#: <a href="#">CBTFS015A</a><br>Description: PCB SUPPORT, TOP HOLE: SNAP LOCK 4     | Manufacturers: <a href="#">Essentra Components</a>            | <div>RFQ</div> |

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