

MC100H646FNR2G



ON Semiconductor®

Part Number: [MC100H646FNR2G](#)

Manufacturer: [AMI Semiconductor](#) / [ON Semiconductor](#)

Description: IC CLK BUFFER 2:8 80MHZ 28PLCC

Data sheet:  [MC\(10,100\)H646](#)

RoHs Status: Lead free / RoHS Compliant

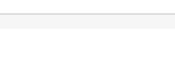
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                |                                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|--------------------------------|----------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MC100H646FNR2G                            | Manufacturer                   | <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC CLK BUFFER 2:8 80MHZ 28PLCC            | Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4073 pcs                                  | Data sheet                     | <a href="#">MC(10,100)H646</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply               | 4.75 V ~ 5.25 V                                                      |
| Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Fanout Buffer (Distribution)              | Supplier Device Package        | 28-PLCC (11.51x11.51)                                                |
| Series                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | -                                         | Ratio - Input:Output           | 2:8                                                                  |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                          | Package / Case                 | 28-LCC (J-Lead)                                                      |
| Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TTL                                       | Operating Temperature          | 0°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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PECL, TTL                                 | Frequency - Max                | 80MHz                                                                |
| Differential - Input:Output                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Yes/No                                    | Detailed Description           | Clock Fanout Buffer (Distribution) IC 2:8 80MHz 28-LCC (J-Lead)      |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | MC100H646                                 |                                |                                                                      |
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| RELATED PRODUCTS                                                                   |                                                                                         |                                                                                     |                |
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|  | Part#: <a href="#">MC100LVE210FN</a><br>Description: IC CLK BUF 1:4/1:5 700GHZ 28PLCC   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H642FNR2</a><br>Description: IC CLOCK DRIVER ECL-TTL 28PLCC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H642FNR2G</a><br>Description: IC CLOCK DRIVER ECL-TTL 28PLCC    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H643FNR2G</a><br>Description: IC CLK BUFFER 1:8 80MHZ 28PLCC    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100LVE111FN</a><br>Description: IC CLK BUFFER 1:9 1.5GHZ 28PLCC    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100LVE111FNG</a><br>Description: IC CLK BUFFER 1:9 1.5GHZ 28PLCC   | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100LVE111FNR2</a><br>Description: IC CLK BUFFER 1:9 1.5GHZ 28PLCC  | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H680FNG</a><br>Description: IC TRNSLTR BIDIRECTIONAL 28PLCC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H643FNR2</a><br>Description: IC CLK BUFFER 1:8 80MHZ 28PLCC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100LVE164FAR2</a><br>Description: IC MUX 16:1 3.3V ECL 32-LQFP     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H680FN</a><br>Description: IC TRNSLTR BIDIRECTIONAL 28PLCC      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H642FNG</a><br>Description: IC CLOCK DRIVER ECL-TTL 28PLCC      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC100LVE164FAR2G</a><br>Description: IC MUX 16:1 3.3V ECL 32-LQFP    | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100LVE111FNR2G</a><br>Description: IC CLK BUFFER 1:9 1.5GHZ 28PLCC | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC100H646FNR2</a><br>Description: IC CLK BUFFER 2:8 80MHZ 28PLCC     | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">MC100LVE164FAG</a><br>Description: IC MUX 16:1 3.3V ECL 32-LQFP      | Manufacturers: <a href="#">AMI Semiconductor</a> / <a href="#">ON Semiconductor</a> | <div>RFQ</div> |

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