

LC4128B-5TN100I



Part Number: [LC4128B-5TN100I](#)

Manufacturer: [Lattice Semiconductor](#)

Description: IC CPLD 128MC 5NS 100TQFP

Data sheet:  [Product Selector Guide](#)  
 [Package Diagrams](#)  
 [ispMACH 4000V,B,C,Z Family](#)  
 [Leaded Pkg PCB Layout Guide](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

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See Product Specifications for product details.  
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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                                                                                         |
|----------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                      | LC4128B-5TN100I                           | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                   |
| Description                      | IC CPLD 128MC 5NS 100TQFP                 | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                              |
| Quantity Available               | 4831 pcs                                  | Data sheet                      | <a href="#">Product Selector Guide</a><br><a href="#">Package Diagrams</a><br><a href="#">ispMACH 4000V,B,C,Z Family</a><br><a href="#">Leaded Pkg PCB Layout Guide</a> |
| Category                         | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply - Internal       | 2.3 V ~ 2.7 V                                                                                                                                                           |
| Supplier Device Package          | 100-TQFP (14x14)                          | Series                          | ispMACH® 4000B                                                                                                                                                          |
| Programmable Type                | In System Programmable                    | Packaging                       | Tray                                                                                                                                                                    |
| Package / Case                   | 100-LQFP                                  | Operating Temperature           | -40°C ~ 105°C (TJ)                                                                                                                                                      |
| Number of Macrocells             | 128                                       | Number of Logic Elements/Blocks | 8                                                                                                                                                                       |
| Number of I/O                    | 64                                        | Mounting Type                   | Surface Mount                                                                                                                                                           |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                                                                                                                              |
| Delay Time tpd(1) Max            | 5.0ns                                     | Base Part Number                | LC4128                                                                                                                                                                  |

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|  | Part#: <a href="#">LC4128B-27T100C</a><br>Description: IC CPLD 128MC 2.7NS 100TQFP  | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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