

LC4256C-5T100C



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**Part Number:** LC4256C-5T100C

**Manufacturer:** Lattice Semiconductor

**Description:** IC CPLD 256MC 5NS 100TQFP

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

**RoHs Status:** Contains lead / RoHS non-compliant

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| PRODUCT PARAMETER                |                                           |                                 |                                                                                                                                                                         |
|----------------------------------|-------------------------------------------|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number                      | LC4256C-5T100C                            | Manufacturer                    | <a href="#">Lattice Semiconductor</a>                                                                                                                                   |
| Description                      | IC CPLD 256MC 5NS 100TQFP                 | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                                                      |
| Quantity Available               | 4159 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       | 1.65 V ~ 1.95 V                                                                                                                                                         |
| Supplier Device Package          | 100-TQFP (14x14)                          | Series                          | ispMACH® 4000C                                                                                                                                                          |
| Programmable Type                | In System Programmable                    | Packaging                       | Tray                                                                                                                                                                    |
| Package / Case                   | 100-LQFP                                  | Operating Temperature           | 0°C ~ 90°C (TJ)                                                                                                                                                         |
| Number of Macrocells             | 256                                       | Number of Logic Elements/Blocks | 16                                                                                                                                                                      |
| Number of I/O                    | 64                                        | Mounting Type                   | Surface Mount                                                                                                                                                           |
| Moisture Sensitivity Level (MSL) | 3 (168 Hours)                             | Lead Free Status / RoHS Status  | Contains lead / RoHS non-compliant                                                                                                                                      |
| Delay Time tpd(1) Max            | 5.0ns                                     | Base Part Number                | LC4256                                                                                                                                                                  |

Component-World.com is a Reliable Stocking Distributor of Electronic Components. We specialize in all Lattice Semiconductor series electronic components. We have 4159 pieces of Lattice Semiconductor LC4256C-5T100C in stock available now. Request a quote from electronics components distributor at Component-World.com, our sales team will contact you within 24 hours.

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|  | Part#: <a href="#">LC4256C-5FT256BC</a><br>Description: IC CPLD 256MC 5NS 256FTBGA   | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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|  | Part#: <a href="#">LC4256C-5TN100I</a><br>Description: IC CPLD 256MC 5NS 100TQFP     | Manufacturers: <a href="#">Lattice Semiconductor</a> | <div>RFQ</div> |
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