

MC74VHC00MELG



ON Semiconductor® 

Part Number: [MC74VHC00MELG](#)

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

Description: IC GATE NAND 4CH 2-INP 14SOEIAJ

Data sheet:  [MC74VHC00](#)

RoHs Status: Lead free / RoHS Compliant

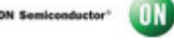
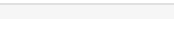
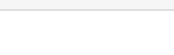
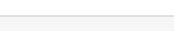
Ship From: Hong Kong

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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                           |                                   |                                                      |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|-----------------------------------|------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                         | MC74VHC00MELG                             | Manufacturer                      | <a href="#">AMI Semiconductor / ON Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                         | IC GATE NAND 4CH 2-INP 14SOEIAJ           | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                           |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4811 pcs                                  | Data sheet                        | <a href="#">MC74VHC00</a>                            |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                            | <a href="#">Integrated Circuits (ICs)</a> | Voltage - Supply                  | 2 V ~ 5.5 V                                          |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                             | SOEIAJ-14                                 | Series                            | 74VHC                                                |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tape & Reel (TR)                          | Package / Case                    | 14-SOIC (0.209", 5.30mm Width)                       |
| Operating Temperature                                                                                                                                                                                                                                                                                                                                                                                                                               | -55°C ~ 125°C                             | Number of Inputs                  | 2                                                    |
| Number of Circuits                                                                                                                                                                                                                                                                                                                                                                                                                                  | 4                                         | Mounting Type                     | Surface Mount                                        |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                    | 3 (168 Hours)                             | Max Propagation Delay @ V, Max CL | 7.5ns @ 5V, 50pF                                     |
| Logic Type                                                                                                                                                                                                                                                                                                                                                                                                                                          | NAND Gate                                 | Logic Level - Low                 | 0.5V                                                 |
| Logic Level - High                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1.5V                                      | Lead Free Status / RoHS Status    | Lead free / RoHS Compliant                           |
| Features                                                                                                                                                                                                                                                                                                                                                                                                                                            | -                                         | Detailed Description              | NAND Gate IC 4 Channel SOEIAJ-14                     |
| Current - Quiescent (Max)                                                                                                                                                                                                                                                                                                                                                                                                                           | 2µA                                       | Current - Output High, Low        | 8mA, 8mA                                             |
| Base Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                    | 74VHC00                                   |                                   |                                                      |
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