

ON Semiconductor **AMI Semiconductor / ON**

## MC100EP05DG

Part Number: MC100EP05DG  
 Manufacturer/Brand: AMI Semiconductor / ON Semiconductor  
 Product description: IC GATE AND/NAND ECL 2INP 8SOIC  
 Datasheets: MC100EP05DG.pdf  
 RoHS Status: Lead free / RoHS Compliant  
 Ship From: Hong Kong  
 Shipment Way: DHL/Fedex/TNT/UPS/EMS

### Semiconductor



Image may be representation. See specifications for product details.

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### Specifications of MC100EP05DG

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | MC100EP05DG                                                      |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                             |
| DESCRIPTION                      | IC GATE AND/NAND ECL 2INP 8SOIC                                  |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| DATA SHEET                       | MC100EP05DG.pdf                                                  |
| VOLTAGE - SUPPLY                 | 3 V ~ 5.5 V                                                      |
| SUPPLIER DEVICE PACKAGE          | 8-SOIC                                                           |
| SERIES                           | 100EP                                                            |
| SCHMITT TRIGGER INPUT            | No                                                               |
| PACKAGING                        | Tube                                                             |
| PACKAGE / CASE                   | 8-SOIC (0.154", 3.90mm Width)                                    |
| OUTPUT TYPE                      | Differential                                                     |
| OTHER NAMES                      | MC100EP05DGOS                                                    |
| OPERATING TEMPERATURE            | -40°C ~ 85°C                                                     |
| NUMBER OF INPUTS                 | 2 Input (1, 1)                                                   |
| NUMBER OF CIRCUITS               | 1                                                                |
| MOUNTING TYPE                    | Surface Mount                                                    |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 4 Weeks                                                          |
| LOGIC TYPE                       | AND/NAND Gate                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| DETAILED DESCRIPTION             | AND/NAND Gate Configurable 1 Circuit 2 Input (1, 1) Input 8-SOIC |
| CURRENT - OUTPUT HIGH, LOW       | -                                                                |
| BASE PART NUMBER                 | 100EP05                                                          |

### Related Tags

|                                                       |                                                        |                                                      |
|-------------------------------------------------------|--------------------------------------------------------|------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor MC100EP05DG      | MC100EP05DG Distributor                                | MC100EP05DG Supplier                                 |
| MC100EP05DG Price                                     | MC100EP05DG Pictures                                   | MC100EP05DG Image                                    |
| MC100EP05DG PDF Datasheet                             | MC100EP05DG Download Datasheet                         | MC100EP05DG Datasheet                                |
| MC100EP05DG Stock                                     | Buy MC100EP05DG                                        | Buy AMI Semiconductor / ON Semiconductor MC100EP05DG |
| AMI Semiconductor / ON Semiconductor MC100EP05DG      | AMI Semiconductor / ON Semiconductor Supplier          | AMI Semiconductor / ON Semiconductor Distributor     |
| AMI Semiconductor / ON Semiconductor MC100EP05DG      | ON Semiconductor MC100EP05DG                           | Aptina / ON Semiconductor MC100EP05DG                |
| Catalyst Semiconductor / ON Semiconductor MC100EP05DG | PulseCore Semiconductor / ON Semiconductor MC100EP05DG | Sanyo Semiconductor / ON Semiconductor MC100EP05DG   |

### Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                            |
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| <p><b>MC100EP01DR2G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR ECL 4INPUT 8-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>MC100EP01DTR2</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR ECL 4INP 8-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>   |
| <p><b>MC100EP01DTG</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR ECL 4INPUT 8TSSOP<br/>                 In stock: 253 pcs<br/> <a href="#">RFQ</a></p>    | <p><b>MC100EP01MNR4G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR 4INP 3.3/5V 8-DFN<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>MC100EP05DR2G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE AND/NAND ECL 2INP 8-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> | <p><b>MC100EP05MNR4G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE AND/NAND 2INP DIFF 8-DFN<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>MC100EP08D</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE XOR/XNOR ECL 2INP 8SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>     | <p><b>MC100EP05DTR2G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE AND/NAND ECL 2IN 8-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p> |
| <p><b>MC100EP01DR2</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR ECL 4INPUT 8-SOIC<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  | <p><b>MC100EP01DTR2G</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE OR/NOR ECL 4INP 8-TSSOP<br/>                 In stock: Out stock<br/> <a href="#">RFQ</a></p>  |
| <p><b>MC100EP08DG</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE XOR/XNOR ECL 2INP 8SOIC<br/>                 In stock: 126 pcs<br/> <a href="#">RFQ</a></p>      | <p><b>MC100EP05DTG</b><br/>                 Manufacturers: AMI Semiconductor / ON Semiconductor<br/>                 Description: IC GATE AND/NAND ECL 2INP 8TSSOP<br/>                 In stock: 567 pcs<br/> <a href="#">RFQ</a></p>     |