

PCA9554DB,112



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**Part Number:** [PCA9554DB,112](#)

**Manufacturer:** [NXP Semiconductors / Freescale](#)

**Description:** IC I/O EXPANDER I2C 8B 16SSOP

**Data sheet:**  [PCA9554\(A\)](#)

**RoHs Status:** Lead free / RoHS Compliant

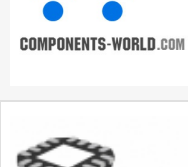
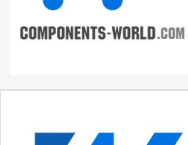
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| PRODUCT PARAMETER              |                                                       |                                  |                                                         |
|--------------------------------|-------------------------------------------------------|----------------------------------|---------------------------------------------------------|
| Part Number                    | PCA9554DB,112                                         | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>          |
| Description                    | IC I/O EXPANDER I2C 8B 16SSOP                         | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                              |
| Quantity Available             | 5077 pcs                                              | Data sheet                       | <a href="#">PCA9554(A)</a>                              |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>             | Voltage - Supply                 | 2.3 V ~ 5.5 V                                           |
| Supplier Device Package        | 16-SSOP                                               | Series                           | -                                                       |
| Packaging                      | Tube                                                  | Package / Case                   | 16-SSOP (0.209", 5.30mm Width)                          |
| Output Type                    | Push-Pull                                             | Other Names                      | 568-1054-5<br>935269193112<br>PCA9554DB<br>PCA9554DB112 |
| Operating Temperature          | -40°C ~ 85°C                                          | Number of I/O                    | 8                                                       |
| Mounting Type                  | Surface Mount                                         | Moisture Sensitivity Level (MSL) | 1 (Unlimited)                                           |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                            | Interrupt Output                 | Yes                                                     |
| Interface                      | I <sup>2</sup> C, SMBus                               | Features                         | POR                                                     |
| Detailed Description           | I/O Expander 8 I <sup>2</sup> C, SMBus 400kHz 16-SSOP | Current - Output Source/Sink     | 10mA, 25mA                                              |
| Clock Frequency                | 400kHz                                                | Base Part Number                 | PCA9554                                                 |

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|  | Part#: <a href="#">PCA9554DB,118</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554DB</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP         | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PCA9554BBSHP</a><br>Description: IC I/O EXPANDER I2C 16HVQFN        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PCA9554PW,112</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554D,118</a><br>Description: IC I/O EXPANDER I2C 8B 16SOIC      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554ATS,118</a><br>Description: IC I/O EXPANDER I2C 8B 20SSOP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554PW,118</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
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|  | Part#: <a href="#">PCA9554PW/DG,118</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554DBR</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP        | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554CBSHP</a><br>Description: IC I/O EXPANDER I2C 16HVQFN        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554PW</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP        | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554DWR</a><br>Description: IC I/O EXPANDER I2C 8B 16SOIC        | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9554CPWJ</a><br>Description: IC GPIO EXPANDER 16TSSOP            | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |

Related keywords for PCA9554DB,112

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