

PCA9538D,118



Part Number: [PCA9538D,118](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC I/O EXPANDER I2C 8B 16SOIC

Data sheet:  [PCA9538](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.  
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| PRODUCT PARAMETER              |                                                     |                                  |                                                |
|--------------------------------|-----------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                    | PCA9538D,118                                        | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                    | IC I/O EXPANDER I2C 8B 16SOIC                       | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available             | 5537 pcs                                            | Data sheet                       | <a href="#">PCA9538</a>                        |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>           | Voltage - Supply                 | 2.3 V ~ 5.5 V                                  |
| Supplier Device Package        | 16-SO                                               | Series                           | -                                              |
| Packaging                      | Cut Tape (CT)                                       | Package / Case                   | 16-SOIC (0.295", 7.50mm Width)                 |
| Output Type                    | Push-Pull                                           | Other Names                      | 568-1839-1                                     |
| 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-SO | Current - Output Source/Sink     | 10mA, 25mA                                     |
| Clock Frequency                | 400kHz                                              | Base Part Number                 | PCA9538                                        |

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| RELATED PRODUCTS                                                                   |                                                                                         |                                                               |                     |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">PCA9536DR</a><br>Description: IC I/O EXPANDER I2C 4B 8SOIC           | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9536TK,118</a><br>Description: IC I/O EXPANDER I2C 4B 8HVSON      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538PW</a><br>Description: IC I/O EXPANDER I2C 8B 16TSSOP         | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538D,112</a><br>Description: IC I/O EXPANDER I2C 8B 16SOIC       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538ABSHP</a><br>Description: IC GPIO EXPANDER 8BIT 16HVQFN       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538APWJ</a><br>Description: IC GPIO EXPANDER 8BIT 16TSSOP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538PW,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="#">PCA9538PW/Q900,118</a><br>Description: IC I2C BUS/SMBUS 8BIT 16TSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9537DP,118</a><br>Description: IC I/O EXPANDER I2C 4B 10TSSOP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538DBRG4</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP       | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538PW,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="#">PCA9538DWR</a><br>Description: IC I/O EXPANDER I2C 8B 16SOIC         | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538DBR</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP         | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9536DP/DG,118</a><br>Description: IC I/O EXPANDER I2C 4B 8TSSOP   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538BS,118</a><br>Description: IC I/O EXPANDER I2C 8B 16HVQFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538DB</a><br>Description: IC I/O EXPANDER I2C 8B 16SSOP          | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538DGVR</a><br>Description: IC I/O EXPANDER I2C 8B 16TVSOP       | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9536DRG4</a><br>Description: IC I/O EXPANDER I2C 4B 8SOIC         | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9536YZPR</a><br>Description: IC I/O EXPANDER I2C 4B 8DSBGA        | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |
|  | Part#: <a href="#">PCA9538DW</a><br>Description: IC I/O EXPANDER I2C 8B 16SOIC          | Manufacturers: <a href="#">N/A</a>                            | <a href="#">RFQ</a> |

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