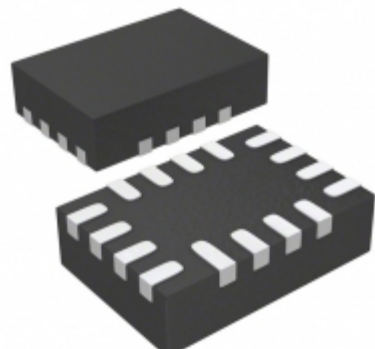


PCAL6408AHKX



Part Number: [PCAL6408AHKX](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC I/O EXPANDER 8BIT I2C 16XQFN

Data sheet:  [PCAL6408A](#)

RoHs Status: Lead free / RoHS Compliant

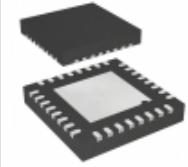
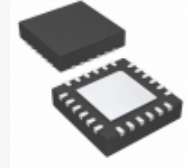
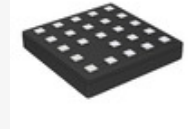
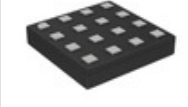
Ship From: Hong Kong

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

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                 |                                  |                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------|------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | PCAL6408AHKX                                                    | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | IC I/O EXPANDER 8BIT I2C 16XQFN                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                     |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 78142 pcs                                                       | Data sheet                       | <a href="#">PCAL6408A</a>                      |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | <a href="#">Integrated Circuits (ICs)</a>                       | Voltage - Supply                 | 1.65 V ~ 5.5 V                                 |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 16-XQFN (1.8x2.6)                                               | Series                           | Agile                                          |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Cut Tape (CT)                                                   | Package / Case                   | 16-XFQFN                                       |
| Output Type                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Open Drain, Push-Pull                                           | Other Names                      | 568-9944-1                                     |
| 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-XQFN (1.8x2.6) | Current - Output Source/Sink     | 10mA, 25mA                                     |
| Clock Frequency                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 400kHz                                                          | Base Part Number                 | PCAL6408                                       |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                               |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
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|  | Part#: <a href="#">PCAL6524EVJ</a><br>Description: ULTRA LOW-VOLTAGE TRANSLATING 24      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AERX</a><br>Description: IC I/O EXPANDER 16BIT 24UFBGA        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9955TW,118</a><br>Description: IC LED DRIVER LIN DIM 28HTSSOP      | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AEVJ</a><br>Description: IC I/O EXPANDER 16BIT 24VFBGA        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416APW,118</a><br>Description: IC I/O EXPANDER 16BIT 24TSSOP     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6524HEAZ</a><br>Description: IC EXPANDER 24B 32HUQFN              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AHF,128</a><br>Description: IC I/O EXPANDER 16BIT 24HWQFN     | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9955TW/Q900,118</a><br>Description: IC LED DRIVER LIN DIM 28HTSSOP | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AERJ</a><br>Description: IC I/O EXPANDER 16BIT 24UFBGA        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6408APWJ</a><br>Description: IC I/O EXPANDER 16TSSOP              | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AEX1Z</a><br>Description: LOW-VOLTAGE TRANSLATING 16-BIT I    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6408AEX1Z</a><br>Description: LOW-VOLTAGE TRANSLATING, 8-BIT I    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9955BTWJ</a><br>Description: IC LED DRIVER LIN DIM 28HTSSOP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6408AEXX</a><br>Description: IC I/O EXPANDER 8BIT 16XFBGA         | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9956BTWY</a><br>Description: IC LED DRIVER LIN DIM 38HTSSOP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9956ATWY</a><br>Description: IC LED DRIVER LIN DIM 38HTSSOP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCA9955ATWJ</a><br>Description: IC LED DRIVER LIN DIM 28HTSSOP        | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6416AEXX</a><br>Description: IC GPIO EXPANDER 16BIT 24XFBGA       | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">PCAL6408ABSHP</a><br>Description: IC I/O EXPANDER 8BIT I2C 16HVQFN    | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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