



NXP Semiconductors / Freescale

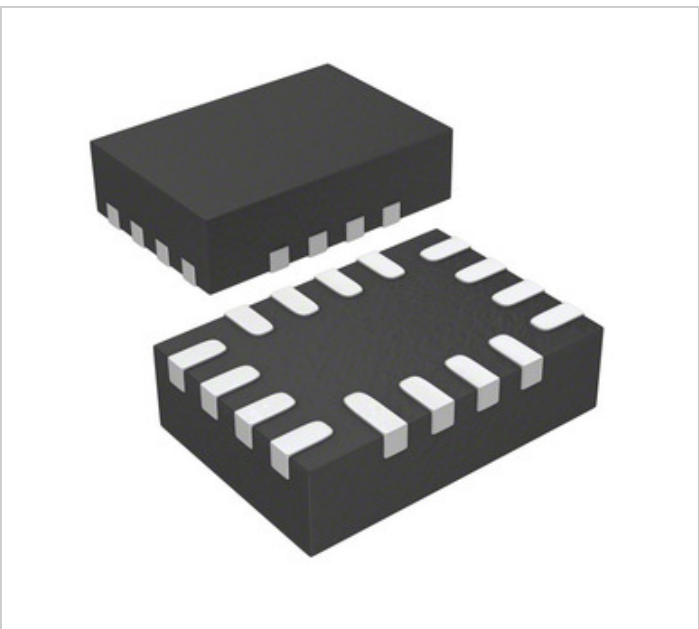


Image may be representation. See specifications for product details.

PCAL6408AHKX

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | PCAL6408AHKX                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                               |
| Product description | IC I/O EXPANDER 8BIT I2C 16XQFN                                                                              |
| Datasheets:         |  PCAL6408AHKX.pdf           |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

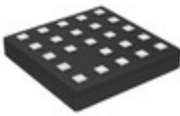
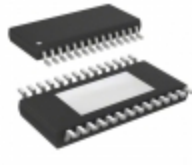
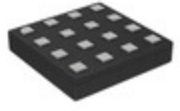
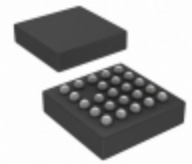
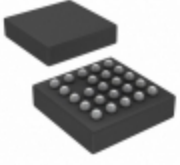
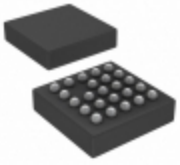
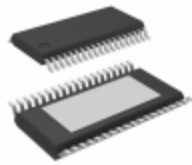
Specifications of PCAL6408AHKX

|                                  |                                                                                                      |
|----------------------------------|------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | PCAL6408AHKX                                                                                         |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                       |
| DESCRIPTION                      | IC I/O EXPANDER 8BIT I2C 16XQFN                                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                           |
| DATA SHEET                       |  PCAL6408AHKX.pdf |
| 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                        | I²C, SMBus                                                                                           |
| FEATURES                         | POR                                                                                                  |
| DETAILED DESCRIPTION             | I/O Expander 8 I²C, SMBus 400kHz 16-XQFN (1.8x2.6)                                                   |
| CURRENT - OUTPUT SOURCE/SINK     | 10mA, 25mA                                                                                           |
| CLOCK FREQUENCY                  | 400kHz                                                                                               |
| BASE PART NUMBER                 | PCAL6408                                                                                             |

Related Tags

|                                             |                                         |                                                 |
|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| NXP Semiconductors / Freescale PCAL6408AHKX | PCAL6408AHKX Distributor                | PCAL6408AHKX Supplier                           |
| PCAL6408AHKX Price                          | PCAL6408AHKX Pictures                   | PCAL6408AHKX Image                              |
| PCAL6408AHKX PDF Datasheet                  | PCAL6408AHKX Download Datasheet         | PCAL6408AHKX Datasheet                          |
| PCAL6408AHKX Stock                          | Buy PCAL6408AHKX                        | Buy NXP Semiconductors / Freescale PCAL6408AHKX |
| NXP Semiconductors / Freescale PCAL6408AHKX | NXP Semiconductors / Freescale Supplier | NXP Semiconductors / Freescale Distributor      |
| NXP Semiconductors / Freescale PCAL6408AHKX | NXP Semiconductors PCAL6408AHKX         | Freescale PCAL6408AHKX                          |
| Freescale Semiconductor - NXP PCAL6408AHKX  | NXP USA Inc. PCAL6408AHKX               |                                                 |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                               |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>PCAL6408ABSHP</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 8BIT I2C 16HVQFN<br/>In stock: Out stock<br/><div>RFQ</div></div>    | <div></div> <div><b>PCAL6416AEX1Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LOW-VOLTAGE TRANSLATING 16-BIT I<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>PCA9955TW/Q900,118</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRIVER LIN DIM 28HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>PCAL6408AEX1Z</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: LOW-VOLTAGE TRANSLATING, 8-BIT I<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>PCAL6416AERX</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 16BIT 24UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>PCAL6416AERJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 16BIT 24UFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PCAL6408AEXX</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 8BIT 16XFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>         | <div></div> <div><b>PCAL6416AEVJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 16BIT 24VFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>     |
| <div></div> <div><b>PCA9956ATWY</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRIVER LIN DIM 38HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>PCAL6408APWJ</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC I/O EXPANDER 16TSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>           |
| <div></div> <div><b>PCA9956BTWY</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC LED DRIVER LIN DIM 38HTSSOP<br/>In stock: Out stock<br/><div>RFQ</div></div>        | <div></div> <div><b>PCAL6416AEXX</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC GPIO EXPANDER 16BIT 24XFBGA<br/>In stock: Out stock<br/><div>RFQ</div></div>    |

