

**PCAL6416AERJ**



**Part Number:** [PCAL6416AERJ](#)  
**Manufacturer:** [NXP Semiconductors / Freescale](#)  
**Description:** IC I/O EXPANDER 16BIT 24UFBGA  
**Data sheet:**

**RoHS Status:** Lead free / RoHS Compliant  
**Ship From:** Hong Kong  
**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

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**PRODUCT PARAMETER**

<b>Part Number</b>	PCAL6416AERJ	<b>Manufacturer</b>	<a href="#">NXP Semiconductors / Freescale</a>
<b>Description</b>	IC I/O EXPANDER 16BIT 24UFBGA	<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant
<b>Quantity Available</b>	103236 pcs	<b>Data sheet</b>	
<b>Category</b>	<a href="#">Integrated Circuits (ICs)</a>	<b>Voltage - Supply</b>	1.65 V ~ 5.5 V
<b>Supplier Device Package</b>	24-UFBGA (2x2)	<b>Series</b>	Agile
<b>Packaging</b>	Cut Tape (CT)	<b>Package / Case</b>	24-UFBGA
<b>Output Type</b>	Open Drain, Push-Pull	<b>Other Names</b>	568-11490-1
<b>Operating Temperature</b>	-40°C ~ 85°C	<b>Number of I/O</b>	16
<b>Mounting Type</b>	Surface Mount	<b>Moisture Sensitivity Level (MSL)</b>	1 (Unlimited)
<b>Lead Free Status / RoHS Status</b>	Lead free / RoHS Compliant	<b>Interrupt Output</b>	Yes
<b>Interface</b>	I <sup>2</sup> C, SMBus	<b>Features</b>	POR
<b>Detailed Description</b>	I/O Expander 16 I <sup>2</sup> C, SMBus 400kHz 24-UFBGA (2x2)	<b>Current - Output Source/Sink</b>	10mA, 25mA
<b>Clock Frequency</b>	400kHz	<b>Base Part Number</b>	PCAL6416

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	<b>Part#:</b> <a href="#">PCAL6408AEXX</a> <b>Description:</b> IC I/O EXPANDER 8BIT 16XFBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PCAL6416APW,118</a> <b>Description:</b> IC I/O EXPANDER 16BIT 24TSSOP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">PCA9956BTWY</a> <b>Description:</b> IC LED DRIVER LIN DIM 38HTSSOP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PCA9955TW,118</a> <b>Description:</b> IC LED DRIVER LIN DIM 28HTSSOP	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PCAL6408ABSHP</a> <b>Description:</b> IC I/O EXPANDER 8BIT I2C 16HVQFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
	<b>Part#:</b> <a href="#">PCAL6416AERX</a> <b>Description:</b> IC I/O EXPANDER 16BIT 24UFBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">PCAL6416AEVJ</a> <b>Description:</b> IC I/O EXPANDER 16BIT 24VFBGA	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>
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	<b>Part#:</b> <a href="#">PCAL6408AHKX</a> <b>Description:</b> IC I/O EXPANDER 8BIT I2C 16XQFN	<b>Manufacturers:</b> <a href="#">NXP Semiconductors / Freescale</a>	<a href="#">RFQ</a>

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