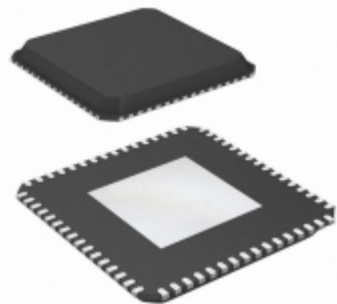


AK5576EN



Images are for reference only.  
See Product Specifications for product details.  
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 ASAH KASEI MICRODEVICES CORPORATION

**Part Number:** [AK5576EN](#)

**Manufacturer:** [Asahi Kasei Microdevices / AKM Semiconductor](#)

**Description:** PREMIUM ADC GEN3 32BIT 768KHZ 12

**Data sheet:**  [AK5576](#)

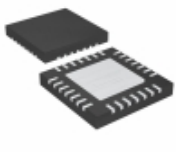
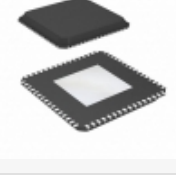
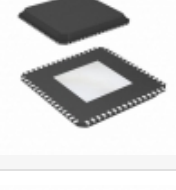
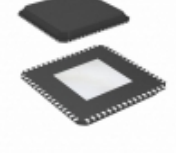
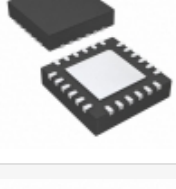
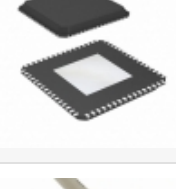
**RoHs Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

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

[Request For Quotation](#)

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                           |                                 |                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------|---------------------------------|--------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | AK5576EN                                  | Manufacturer                    | <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | PREMIUM ADC GEN3 32BIT 768KHZ 12          | Lead Free Status / RoHS Status  | Lead free / RoHS Compliant                                   |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 11377 pcs                                 | Data sheet                      | <a href="#">AK5576</a>                                       |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | <a href="#">Integrated Circuits (ICs)</a> | Voltage Supply Source           | Analog and Digital                                           |
| Voltage - Supply                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 1.8V, 5V                                  | Type                            | ADC, Audio                                                   |
| Supplier Device Package                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 64-QFN (9x9)                              | Series                          | -                                                            |
| Sampling Rate (Per Second)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 768k                                      | Resolution (Bits)               | 32 b                                                         |
| Packaging                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Tape & Reel (TR)                          | Package / Case                  | 64-VFQFN Exposed Pad                                         |
| Other Names                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 974-1118-2                                | Operating Temperature           | -40°C ~ 105°C                                                |
| Number of Channels                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 6                                         | Mounting Type                   | Surface Mount                                                |
| Moisture Sensitivity Level (MSL)                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 2 (1 Year)                                | Manufacturer Standard Lead Time | 14 Weeks                                                     |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Lead free / RoHS Compliant                | Detailed Description            | ADC, Audio 32 bit 768k DSD, I²S 64-QFN (9x9)                 |
| Data Interface                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | DSD, I²S                                  |                                 |                                                              |
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| RELATED PRODUCTS                                                                   |                                                                                  |                                                                             |                     |
|------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------|---------------------|
|  | Part#: <a href="#">AK5554VN</a><br>Description: IC ADC 32BIT 4CH 768KSPS 48QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5703EN</a><br>Description: IC ADC AUDIO STER 24BIT 28QFN    | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5552VN</a><br>Description: IC ADC 32BIT 2CH 768KSPS 48QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK578-9</a><br>Description: CABLE SCSI2-SCSI2 UL2990 .9M      | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK553F-2</a><br>Description: CABLE VGA TO 5 X BNC MONITOR     | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5572EN</a><br>Description: PREMIUM ADC GEN3 32BIT 768KHZ 12 | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5790/F-9</a><br>Description: CABLE SCSI2-SCSI2 UL2919 .9M   | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK579-3</a><br>Description: CABLE SCSI2-SCSI2 UL2990 3M       | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK579/F-2</a><br>Description: CABLE FAST SCSI2 TO SCSI2 2M    | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5536VN</a><br>Description: IC ADC 32BIT 6CH 768KSPS 64QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5574EN</a><br>Description: PREMIUM ADC GEN3 32BIT 768KHZ 12 | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5556VN</a><br>Description: IC ADC 32BIT 6CH 768KSPS 64QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5578EN</a><br>Description: PREMIUM ADC GEN3 32BIT 768KHZ 12 | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5538VN</a><br>Description: IC ADC 32BIT 8CH 768KSPS 64QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5701VN</a><br>Description: IC ADC AUDIO STER 16BIT 24QFN    | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5558VN</a><br>Description: IC ADC 32BIT 8CH 768KSPS 64QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK579/F-1</a><br>Description: CABLE FAST SCSI2 TO SCSI2 .9M   | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5534VN</a><br>Description: IC ADC 32BIT 4CH 768KSPS 48QFN   | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5790/F-2</a><br>Description: CABLE SCSI2-SCSI2 UL2919 2M    | Manufacturers: <a href="#">ASSMANN WSW Components</a>                       | <a href="#">RFQ</a> |
|  | Part#: <a href="#">AK5720VT</a><br>Description: IC ADC AUDIO STER 24BIT 16TSSOP  | Manufacturers: <a href="#">Asahi Kasei Microdevices / AKM Semiconductor</a> | <a href="#">RFQ</a> |

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