

AS1545



Part Number: [AS1545](#)

Manufacturer [ams](#)

Description IC ADC 12BIT 12CH 1M 32-TQFN

Data sheet:  [AS1545](#)

RoHs Status: Lead free / RoHS Compliant

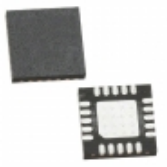
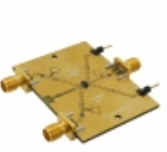
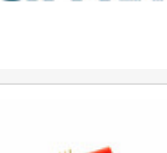
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1545	Manufacturer	ams
Description	IC ADC 12BIT 12CH 1M 32-TQFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5596 pcs	Data sheet	AS1545
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 5.25 V
Voltage - Supply, Analog	2.7 V ~ 5.25 V	Supplier Device Package	32-TQFN (5x5)
Series	-	Sampling Rate (Per Second)	1M
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	32-WFQFN Exposed Pad
Other Names	AS1545-BQFT AS1545-BQFT-ND AS1545-BQFTTR AS1545-BQFTTR-ND AS1545TR	Operating Temperature	-40°C ~ 85°C
Number of Inputs	6, 12	Number of Bits	12
Number of A/D Converters	2	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential, Pseudo-Differential, Single Ended
Features	Selectable Address, Simultaneous Sampling	Detailed Description	12 Bit Analog to Digital Converter 6, 12 Input 2 SAR 32-TQFN (5x5)
Data Interface	SPI	Configuration	MUX-S/H-ADC
Architecture	SAR		
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	Part#: AS1601-7R Description: DC/DC CONVERTER 24V 100W	Manufacturers: Bel	RFQ
	Part#: AS1541-BQFT Description: IC ADC 10BIT 4CH 50K 16-TQFN	Manufacturers: ams	RFQ
	Part#: AS1701-T Description: IC AMP AUDIO POWER 1.6W 8-MSOP	Manufacturers: ams	RFQ
	Part#: AS1540-BQFT Description: IC ADC 12BIT 4CH 50K 16-TQFN	Manufacturers: ams	RFQ
	Part#: AS1539-BTSU Description: IC A/D 10-BIT 8-CH 50K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1543-BQFT Description: IC ADC 12BIT 8CH 1M 20-TQFN	Manufacturers: ams	RFQ
	Part#: AS1538-TS_EK_ST Description: BOARD EVAL AS1538	Manufacturers: ams	RFQ
	Part#: AS1542-BTST Description: IC ADC 12BIT 16CH 1M 28-TSSOP	Manufacturers: ams	RFQ
	Part#: AS169-73LF-EVB Description: BOARD EVAL SPDT SWITCH AS169-73	Manufacturers: Skyworks Solutions, Inc.	RFQ
	Part#: AS16000001 Description: CRYSTAL 16MHZ 12PF THROUGH HOLE	Manufacturers: TXC Corporation	RFQ
	Part#: AS1539-BTST Description: IC ADC 10BIT 8CH 50K 16-TSSOP	Manufacturers: ams	RFQ
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	Part#: AS1542-BTSU Description: IC ADC 12BIT 16CH 1M 28-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1701 DB Description: BOARD DEMO AS1701	Manufacturers: ams	RFQ
	Part#: AS1544-BQFT Description: IC ADC 12BIT 4CH 1M 20-TQFN	Manufacturers: ams	RFQ
	Part#: AS1601-9R Description: DC/DC CONVERTER 24V 101W	Manufacturers: Bel	RFQ
	Part#: AS168X-CB3H300-A3 Description: CIR BRKR THRM MAG 30A 480V 65V	Manufacturers: Schurter	RFQ
	Part#: AS169-73LF Description: IC SW SPDT 300K-2.5GHZ SOT-6	Manufacturers: Skyworks Solutions, Inc.	RFQ
	Part#: AS1701 Description: IC AMP AUDIO POWER 1.6W 8-MSOP	Manufacturers: ams	RFQ

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