

AS1524-BTDT



Part Number: [AS1524-BTDT](#)

Manufacturer [ams](#)

Description IC ADC 12BIT 1CH 150K 8-TDFN

Data sheet:  [AS1524,25](#)

RoHs Status: Lead free / RoHS Compliant

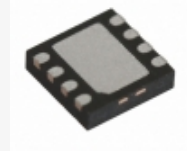
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1524-BTDT	Manufacturer	ams
Description	IC ADC 12BIT 1CH 150K 8-TDFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5684 pcs	Data sheet	AS1524,25
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	8-TDFN (3x3)
Series	-	Sampling Rate (Per Second)	150k
Reference Type	External	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	8-WDFN Exposed Pad
Operating Temperature	-40°C ~ 85°C	Number of Inputs	1
Number of Bits	12	Number of A/D Converters	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Differential, Pseudo-Differential	Features	-
Detailed Description	12 Bit Analog to Digital Converter 1 Input 1 SAR 8-TDFN (3x3)	Data Interface	SPI
Configuration	S/H-ADC	Architecture	SAR
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	Part#: AS1525-BTDR Description: IC A/D 12-BIT 2-CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1526-BSOU Description: IC A/D 10-BIT 1-CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1507-BTDT-100-1K Description: IC POT DGTL 100K SERIAL 16TQFN	Manufacturers: ams	RFQ
	Part#: AS1522-T Description: IC ADC 10BIT 4CH 400K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1525-TD_EK_ST Description: BOARD EVAL AS1525	Manufacturers: ams	RFQ
	Part#: AS1527-BSOU Description: IC A/D 10-BIT 1-CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1526-BSOT Description: IC ADC 10BIT 1CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1524-TD_EK_ST Description: BOARD EVAL AS1524	Manufacturers: ams	RFQ
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	Part#: AS1528-BTDR Description: IC A/D 10-BIT 1-CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1521-T Description: IC ADC 10BIT 8CH 300K 20-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1507-BTDT-10 Description: IC POT DGTL 10K SERIAL 16TQFN	Manufacturers: ams	RFQ

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