

AS1531-T



Part Number: [AS1531-T](#)

Manufacturer [ams](#)

Description IC ADC 12BIT 8CH 300K 20-TSSOP

Data sheet:  [AS1530,31](#)

RoHs Status: Lead free / RoHS Compliant

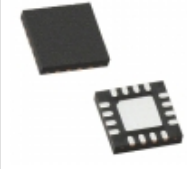
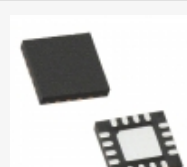
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AS1531-T	Manufacturer	ams
Description	IC ADC 12BIT 8CH 300K 20-TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	4551 pcs	Data sheet	AS1530,31
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	2.7 V ~ 3.6 V
Voltage - Supply, Analog	2.7 V ~ 3.6 V	Supplier Device Package	20-TSSOP
Series	-	Sampling Rate (Per Second)	300k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	20-TSSOP (0.173", 4.40mm Width)
Operating Temperature	-40°C ~ 85°C	Number of Inputs	4, 8
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, Single Ended	Features	-
Detailed Description	12 Bit Analog to Digital Converter 4, 8 Input 1 SAR 20-TSSOP	Data Interface	SPI
Configuration	S/H-ADC	Architecture	SAR
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RELATED PRODUCTS			
	Part#: AS1527-BSOT Description: IC ADC 10BIT 1CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1538-TS_EK_ST Description: BOARD EVAL AS1538	Manufacturers: ams	RFQ
	Part#: AS1540-BQFT Description: IC ADC 12BIT 4CH 50K 16-TQFN	Manufacturers: ams	RFQ
	Part#: AS1532-T Description: IC ADC 12BIT 4CH 400K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1526-BSOU Description: IC A/D 10-BIT 1-CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1529-BTDR Description: IC A/D 10-BIT 2-CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1539-BTST Description: IC ADC 10BIT 8CH 50K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1527-BSOU Description: IC A/D 10-BIT 1-CH 73K 8-SOIC	Manufacturers: ams	RFQ
	Part#: AS1528-BTDR Description: IC A/D 10-BIT 1-CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1533-T Description: IC ADC 12BIT 4CH 300K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1531 Description: IC A/D 12-BIT 8-CH 300K 20-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1539-BTSU Description: IC A/D 10-BIT 8-CH 50K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1528-BTDT Description: IC ADC 10BIT 1CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1538-BTSU Description: IC A/D 12-BIT 8-CH 50K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1529-BTDT Description: IC ADC 10BIT 2CH 150K 8-TDFN	Manufacturers: ams	RFQ
	Part#: AS1530-T Description: IC ADC 12BIT 8CH 400K 20-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1538-BTST Description: IC ADC 12BIT 8CH 50K 16-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1539-TS_EK_ST Description: BOARD EVAL AS1539	Manufacturers: ams	RFQ
	Part#: AS1530 Description: IC A/D 12-BIT 8-CH 400K 20-TSSOP	Manufacturers: ams	RFQ
	Part#: AS1541-BQFT Description: IC ADC 10BIT 4CH 50K 16-TQFN	Manufacturers: ams	RFQ

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