

AD7678ASTZRL





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Part Number: [AD7678ASTZRL](#)

Manufacturer: [ADI \(Analog Devices, Inc.\)](#)

Description IC ADC 18BIT SAR 100KSPS 48-LQFP

Data sheet:  [AD7678](#)

RoHs Status: Lead free / RoHS Compliant

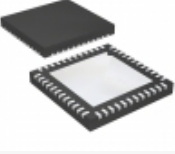
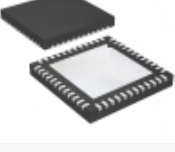
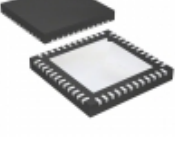
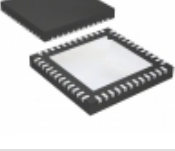
Ship From: Hong Kong

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Request For Quotation

PRODUCT PARAMETER			
Part Number	AD7678ASTZRL	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC ADC 18BIT SAR 100KSPS 48-LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	3425 pcs	Data sheet	AD7678
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	5V
Voltage - Supply, Analog	5V	Supplier Device Package	48-LQFP (7x7)
Series	PulSAR®	Sampling Rate (Per Second)	100k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tape & Reel (TR)	Package / Case	48-LQFP
Other Names	AD7678ASTZRL-ND AD7678ASTZRLTR	Operating Temperature	-40°C ~ 85°C
Number of Inputs	1	Number of Bits	18
Number of A/D Converters	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Manufacturer Standard Lead Time	17 Weeks	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Type	Differential	Features	-
Detailed Description	18 Bit Analog to Digital Converter 1 Input 1 SAR 48-LQFP (7x7)	Data Interface	SPI, Parallel, DSP
Configuration	S/H-ADC	Base Part Number	AD7678
Architecture	SAR		
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	Part#: AD7676ASTZRL Description: IC ADC 16BIT DIFF INP 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7676ASTZ Description: IC ADC 16BIT 500KSPS DIFF 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7677ASTZRL Description: IC ADC 16BIT 1MSPS DIFF 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7678ACPZRL Description: IC ADC 18BIT SAR W/BUFF 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7679ASTZRL Description: IC ADC 18BIT SAR W/BUFF 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7678ACPZ Description: IC ADC 18BIT SAR W/BUFF 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD767BD Description: IC DAC 12BIT W/AMP 24-CDIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7675ACPZRL Description: IC ADC 16BIT SAR 100KSPS 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD767JN Description: IC DAC 12BIT 24-DIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7678ASTZ Description: IC ADC 18BIT SAR 100KSPS 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7675ASTZRL Description: IC ADC 16BIT DIFF INP 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7675ASTZ Description: IC ADC 16BIT DIFF INP 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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