

AD7678ASTZ





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Part Number: [AD7678ASTZ](#)

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

Description: IC ADC 18BIT SAR 100KSPS 48-LQFP

Data sheet:  [AD7678](#)

RoHS Status: Lead free / RoHS Compliant

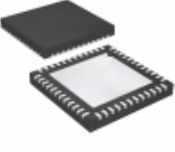
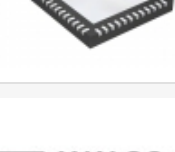
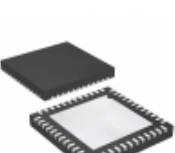
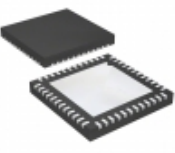
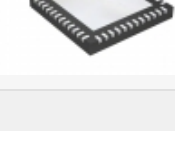
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PRODUCT PARAMETER			
Part Number	AD7678ASTZ	Manufacturer	ADI (Analog Devices, Inc.)
Description	IC ADC 18BIT SAR 100KSPS 48-LQFP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2237 pcs	Data sheet	AD7678
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	5V
Voltage - Supply, Analog	5V	Supplier Device Package	48-LQFP (7x7)
Series	PuSAR®	Sampling Rate (Per Second)	100k
Reference Type	External, Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	48-LQFP
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	7 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#: AD7677ASTZ Description: IC ADC 16BIT 1MSPS DIFF 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD7679ACPZRL Description: IC ADC 18BIT SAR W/BUFF 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD767JP Description: IC DAC 12BIT W/AMP 28-PLCC	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7679ASTZ Description: IC ADC 18BIT 570KSPS 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7675ASTZRL Description: IC ADC 16BIT DIFF INP 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD767JNZ Description: IC DAC 12BIT 24-DIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD7678ACPZRL Description: IC ADC 18BIT SAR W/BUFF 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
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	Part#: AD7676ASTZRL Description: IC ADC 16BIT DIFF INP 48LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7678ASTZRL Description: IC ADC 18BIT SAR 100KSPS 48-LQFP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD767JN Description: IC DAC 12BIT 24-DIP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ
	Part#: AD7678ACPZ Description: IC ADC 18BIT SAR W/BUFF 48LFCSP	Manufacturers: ADI (Analog Devices, Inc.)	RFQ

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