

KAD5512P-12Q48




A Renesas Company

Part Number: [KAD5512P-12Q48](#)

Manufacturer: [Intersil](#)

Description: IC ADC 12BIT 125MSPS SGL 48-QFN

Data sheet:  [KAD5512P](#)

RoHs Status: Lead free / RoHS Compliant

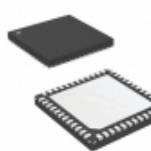
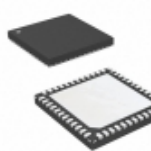
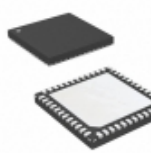
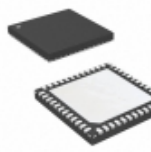
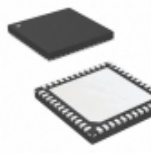
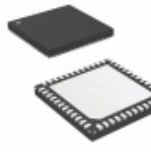
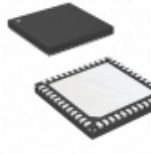
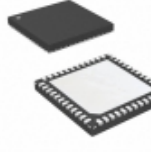
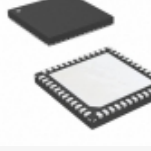
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PRODUCT PARAMETER			
Part Number	KAD5512P-12Q48	Manufacturer	Intersil
Description	IC ADC 12BIT 125MSPS SGL 48-QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	2832 pcs	Data sheet	KAD5512P
Category	Integrated Circuits (ICs)	Voltage - Supply, Digital	1.7 V ~ 1.9 V
Voltage - Supply, Analog	1.7 V ~ 1.9 V	Supplier Device Package	48-QFN (7x7)
Series	-	Sampling Rate (Per Second)	125M
Reference Type	Internal	Ratio - S/H:ADC	1:1
Packaging	Tray	Package / Case	48-VFQFN 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)	3 (168 Hours)	Manufacturer Standard Lead Time	17 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Input Type	Differential
Features	-	Detailed Description	12 Bit Analog to Digital Converter 1 Input 1 SAR 48-QFN (7x7)
Data Interface	LVDS - Parallel, Parallel	Configuration	S/H-ADC
Base Part Number	KAD5512P	Architecture	SAR
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	Part#: KAD5512HP-17Q48 Description: IC ADC 12BIT 170MSPS SGL 48-QFN	Manufacturers: Intersil	RFQ
	Part#: KAD5510P-50Q72 Description: IC ADC 10BIT 500MSPS SGL 72-QFN	Manufacturers: Intersil	RFQ
	Part#: KAD5510P-25Q48 Description: IC ADC 10BIT CMOS 250MSPS 48QFN	Manufacturers: Intersil	RFQ
	Part#: KAD5512P-25Q48 Description: IC ADC 12BIT 250MSPS SGL 48-QFN	Manufacturers: Intersil	RFQ
	Part#: KAD5514P-12Q48 Description: IC ADC 14BIT 125MSPS SGL 48-QFN	Manufacturers: Intersil	RFQ
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	Part#: KAD5512HP-25Q48 Description: IC ADC 12BIT 250MSPS SGL 48-QFN	Manufacturers: Intersil	RFQ
	Part#: KAD5512HP-12Q48 Description: IC ADC 12BIT 125MSPS SGL 48-QFN	Manufacturers: Intersil	RFQ
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	Part#: KAD5512P-21Q72 Description: IC ADC 12BIT 210MSPS SGL 72-QFN	Manufacturers: Intersil	RFQ
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