

PCAP01AD 1K



Part Number: [PCAP01AD 1K](#)

Manufacturer [ams](#)

Description PCAP01AD 1K QFN32 LF T&R

Data sheet:  [PCap01 Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

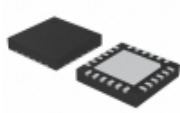
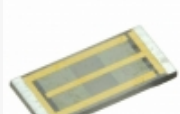
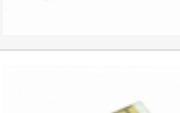
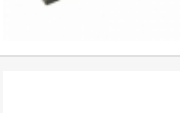
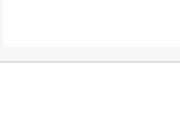
Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	PCAP01AD 1K	Manufacturer	ams
Description	PCAP01AD 1K QFN32 LF T&R	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	23774 pcs	Data sheet	PCap01 Series
Category	Integrated Circuits (ICs)	Voltage Supply Source	Single Supply
Voltage - Supply	2.1 V ~ 3.6 V	Type	Capacitance-to-Digital Converter
Supplier Device Package	32-QFN (5x5)	Series	PICOCAP®
Sampling Rate (Per Second)	-	Resolution (Bits)	17 b
Packaging	Tape & Reel (TR)	Package / Case	32-VFQFN Exposed Pad
Other Names	502010005 PCAP01AD 1K-ND PCAP01AD1K	Operating Temperature	-40°C ~ 125°C (TA)
Number of Channels	8	Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	3 (168 Hours)	Manufacturer Standard Lead Time	33 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Detailed Description	Capacitance-to-Digital Converter 17 bit I²C, SPI 32-QFN (5x5)
Data Interface	I²C, SPI		

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RELATED PRODUCTS			
	Part#: PCAP01AK Description: IC CAP TO DIGITAL CONVERTER 24QF	Manufacturers: ams	RFQ
	Part#: PCAP01-EVA MB Description: EVAL MODULE PCAP01	Manufacturers: ams	RFQ
	Part#: PCAP04-ASWB Description: PCAP04-ASWB SW	Manufacturers: ams	RFQ
	Part#: PCAN2512E1750BST5 Description: RES SMD 175 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: PCAP02-EVA MODULE Description: EVAL MODULE PCAP02	Manufacturers: ams	RFQ
	Part#: PCAP02-EVA-KIT Description: EVAL KIT PCAP02	Manufacturers: ams	RFQ
	Part#: PCAP02AE Description: IC CAP TO DIGITAL CONVERTER 32QF	Manufacturers: ams	RFQ
	Part#: PCAN2512E30R1BST5 Description: RES SMD 30.1 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: PCAP04-BQFM-24 Description: PCAP04-BQFM-24 QFN24 LF T&RDP	Manufacturers: ams	RFQ
	Part#: PCAP04-ASDF Description: PCAP04-ASDF SD F	Manufacturers: ams	RFQ
	Part#: PCAN2512E75R0BST5 Description: RES SMD 75 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: PCAP01A DICE Description: IC CAP TO DIGITAL CONVERTER	Manufacturers: ams	RFQ
	Part#: PCAP01AD Description: IC CAP TO DIGITAL CONVERTER 32QF	Manufacturers: ams	RFQ
	Part#: PCAP01-EVA-KIT Description: EVAL KIT PCAP01	Manufacturers: ams	RFQ
	Part#: PCAP04-BQFT-24 Description: PCAP04-BQFT-24 QFN24 LF T&RDP	Manufacturers: ams	RFQ
	Part#: PCAN2512E40R2BST5 Description: RES SMD 40.2 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: PCAN2512E1500BST5 Description: RES SMD 150 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: PCAP02A DICE Description: IC CAP TO DIGITAL CONVERTER	Manufacturers: ams	RFQ
	Part#: PCAP04 DICE Description: IC CAP TO DIGITAL CONVERTER	Manufacturers: ams	RFQ
	Part#: PCAN2512E49R9BST5 Description: RES SMD 49.9 OHM 0.1% 6W 2512	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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