



ams



Image may be representation. See specifications for product details.

PCAP01AD

Part Number:	PCAP01AD
Manufacturer/Brand:	ams
Product description	IC CAP TO DIGITAL CONVERTER 32QF
Datasheets:	 PCAP01AD.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	23616 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

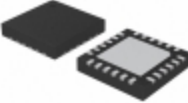
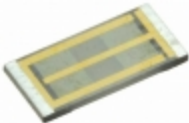
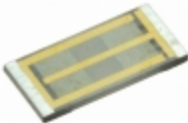
Specifications of PCAP01AD

PART NUMBER	PCAP01AD
MANUFACTURER	ams
DESCRIPTION	IC CAP TO DIGITAL CONVERTER 32QF
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	23616 pcs
DATA SHEET	 PCAP01AD.pdf
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	502010002 PCAP01AD-ND PCAP01ADTR
OPERATING TEMPERATURE	-40°C ~ 125°C (TA)
NUMBER OF CHANNELS	8
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
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

Related Tags

ams PCAP01AD	PCAP01AD Distributor	PCAP01AD Supplier
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Related Products

 PCAP02-EVA MODULE Manufacturers: ams Description: EVAL MODULE PCAP02 In stock: 1497 pcs RFQ	 PCAP02-EVA-KIT Manufacturers: ams Description: EVAL KIT PCAP02 In stock: 308 pcs RFQ
 PCAP01-EVA-KIT Manufacturers: ams Description: EVAL KIT PCAP01 In stock: 295 pcs RFQ	 PCAP02AE Manufacturers: ams Description: IC CAP TO DIGITAL CONVERTER 32QF In stock: 25503 pcs RFQ
 PCAP01A DICE Manufacturers: ams Description: IC CAP TO DIGITAL CONVERTER In stock: 14356 pcs RFQ	 PCAN2512E75R0BST5 Manufacturers: Electro-Films (EFI) / Vishay Description: RES SMD 75 OHM 0.1% 6W 2512 In stock: 28469 pcs RFQ
 PCAP02A DICE Manufacturers: ams Description: IC CAP TO DIGITAL CONVERTER In stock: 13965 pcs RFQ	 PCAP01AK Manufacturers: ams Description: IC CAP TO DIGITAL CONVERTER 24QF In stock: 28212 pcs RFQ
 PCAP01-EVA MB Manufacturers: ams Description: EVAL MODULE PCAP01 In stock: 6943 pcs RFQ	 PCAP01AD 1K Manufacturers: ams Description: PCAP01AD 1K QFN32 LF T&R In stock: 25332 pcs RFQ
 PCAN2512E40R2BST5 Manufacturers: Electro-Films (EFI) / Vishay Description: RES SMD 40.2 OHM 0.1% 6W 2512 In stock: 24225 pcs RFQ	 PCAN2512E49R9BST5 Manufacturers: Electro-Films (EFI) / Vishay Description: RES SMD 49.9 OHM 0.1% 6W 2512 In stock: 30800 pcs RFQ