



Maxim Integrated



Image may be representation. See specifications for product details.

MAX1309ECM+

Part Number:	MAX1309ECM+
Manufacturer/Brand:	Maxim Integrated
Product description	IC ADC 12BIT 4CH 680KSPS 48LQFP
Datasheets:	PDF 1.MAX1309ECM+.pdf PDF 2.MAX1309ECM+.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Stock Condition	8168 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX1309ECM+

PART NUMBER	MAX1309ECM+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC ADC 12BIT 4CH 680KSPS 48LQFP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	8168 pcs
DATA SHEET	PDF 1.MAX1309ECM+.pdf PDF 2.MAX1309ECM+.pdf
VOLTAGE - SUPPLY, DIGITAL	2.7 V ~ 5.25 V
VOLTAGE - SUPPLY, ANALOG	5V
SUPPLIER DEVICE PACKAGE	48-LQFP/48-TQFP (7x7)
SERIES	-
SAMPLING RATE (PER SECOND)	680k
REFERENCE TYPE	External, Internal
RATIO - S/H:ADC	4:1
PACKAGING	Tube
PACKAGE / CASE	48-LQFP
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF INPUTS	4
NUMBER OF BITS	12
NUMBER OF A/D CONVERTERS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Single Ended
FEATURES	Simultaneous Sampling
DETAILED DESCRIPTION	12 Bit Analog to Digital Converter 4 Input 1 SAR 48-LQFP/48-TQFP (7x7)
DATA INTERFACE	Parallel
CONFIGURATION	MUX-S/H-ADC
BASE PART NUMBER	MAX1309
ARCHITECTURE	SAR

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