



MAX11616EEE+

Part Number:	MAX11616EEE+
Manufacturer/Brand:	Maxim Integrated
Product description	IC ADC SERIAL 12BIT 12CH 16-QSOP
Datasheets:	PDF 1.MAX11616EEE+.pdf PDF 2.MAX11616EEE+.pdf
RoHs Status	RoHS Lead free / RoHS Compliant
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of MAX11616EEE+

PART NUMBER	MAX11616EEE+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC ADC SERIAL 12BIT 12CH 16-QSOP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	PDF 1.MAX11616EEE+.pdf PDF 2.MAX11616EEE+.pdf
VOLTAGE - SUPPLY, DIGITAL	5V
VOLTAGE - SUPPLY, ANALOG	5V
SUPPLIER DEVICE PACKAGE	16-QSOP
SERIES	-
SAMPLING RATE (PER SECOND)	94.4k
REFERENCE TYPE	External, Internal
RATIO - S/H:ADC	1:1
PACKAGING	Tube
PACKAGE / CASE	16-SSOP (0.154", 3.90mm Width)
OPERATING TEMPERATURE	-40°C ~ 85°C
NUMBER OF INPUTS	6, 12
NUMBER OF BITS	12
NUMBER OF A/D CONVERTERS	1
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INPUT TYPE	Differential, Single Ended
FEATURES	-
DETAILED DESCRIPTION	12 Bit Analog to Digital Converter 6, 12 Input 1 SAR 16-QSOP
DATA INTERFACE	I ² C
CONFIGURATION	MUX-S/H-ADC
BASE PART NUMBER	MAX11616
ARCHITECTURE	SAR

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