




Maxim Integrated

MAX642ACPA+

Part Number:	MAX642ACPA+
Manufacturer/Brand:	Maxim Integrated
Product description:	IC REG BOOST ADJ/12V 0.45A 8DIP
Datasheets:	1.MAX642ACPA+.pdf 2.MAX642ACPA+.pdf
RoHs Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.











Specifications of MAX642ACPA+

PART NUMBER	MAX642ACPA+
MANUFACTURER	Maxim Integrated
DESCRIPTION	IC REG BOOST ADJ/12V 0.45A 8DIP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.MAX642ACPA+.pdf 2.MAX642ACPA+.pdf
VOLTAGE - OUTPUT (MIN/FIXED)	1.31V (12V)
VOLTAGE - OUTPUT (MAX)	18V (Switch)
VOLTAGE - INPUT (MIN)	2V
VOLTAGE - INPUT (MAX)	16.5V
TOPOLOGY	Boost
SYNCHRONOUS RECTIFIER	No
SUPPLIER DEVICE PACKAGE	8-PDIP
SERIES	-
PACKAGING	Tube
PACKAGE / CASE	8-DIP (0.300", 7.62mm)
OUTPUT TYPE	Adjustable (Fixed)
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	0°C ~ 70°C (TA)
NUMBER OF OUTPUTS	1
MOUNTING TYPE	Through Hole
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
FUNCTION	Step-Up
FREQUENCY - SWITCHING	50kHz
DETAILED DESCRIPTION	Boost Switching Regulator IC Positive Adjustable (Fixed) 1.31V (12V) 1 Output 450mA (Switch) 8-DIP (0.300", 7.62mm)
CURRENT - OUTPUT	450mA (Switch)
BASE PART NUMBER	MAX642

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