


Charge Pump STPUP 4V to 11V 45mA 5-Pin SOT-23 T/R

Manufacturer:	Maxim Integrated
Package/Case:	SOT23-5
Product Type:	Power Management ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

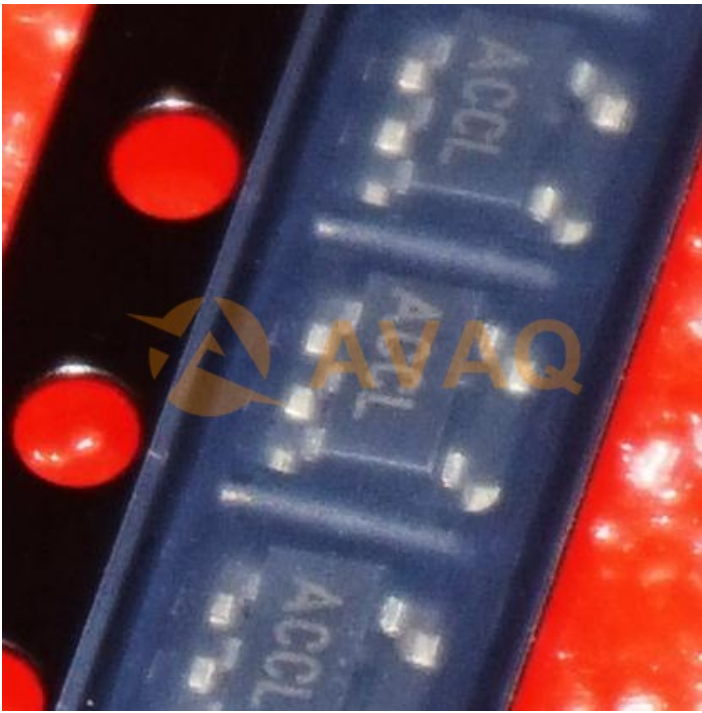
MAX1682EUK+T is a step-up DC-DC converter IC (integrated circuit) manufactured by Maxim Integrated. It is designed to provide a constant output voltage from a low input voltage source, such as a battery. The IC can provide an output voltage up to 5.5V and can operate with an input voltage as low as 0.8V. The MAX1682EUK+T is a surface-mount device in a SOT-23-5 package.

Key Features

Wide input voltage range: 0.8V to 5.5V
 Adjustable output voltage up to 5.5V
 Internal low-dropout (LDO) regulator
 High efficiency: up to 96%
 Overcurrent protection
 Thermal shutdown protection

Application

Portable devices powered by a single-cell battery, such as smartphones, tablets, and portable media players
 Battery-powered medical devices
 Low-power wireless sensors
 Portable consumer electronics



Recommended For You

MAX1636EAP

Maxim Integrated

SSOP20

MAX1758EAI+

Maxim Integrated

SSOP28

MAX1673ESA+

Maxim Integrated

SOP8

MAX1720EUT+T

Maxim Integrated

SOT23-6

MAX845ESA+T

Maxim Integrated

SOP-8

MAX1681ESA+

Maxim Integrated

SOP-8

MAX17113EIL+

Maxim Integrated

QFN

MAX690CPA+

Maxim Integrated

DIP8

MAX690MJA

Maxim Integrated

CDIP8

MAX6107EUR+T

Maxim Integrated

SOT23-3

MAX5920BESA+

Maxim Integrated

SOP-8

MAX5922AEUI+

Maxim Integrated

TSSOP28

MAX5900ABETT+T

Maxim Integrated

TDFN-6

MAX5903LB EUT

Maxim Integrated

SOT23-6

MAX860ESA+

Maxim Integrated

SOP8