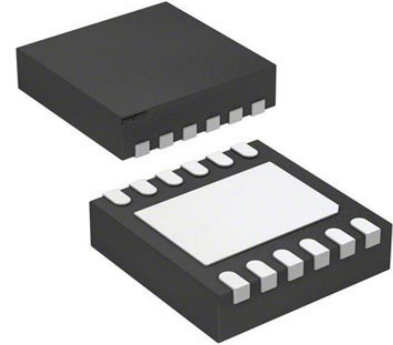


Conv DC-DC 2.5V to 5.5V Step Up Single-Out 3V 4A 10-Pin LFCSP EP T/R

Manufacturers	Analog Devices, Inc
Package/Case	10-WDFDN, CSP
Product Type	Power Management ICs
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for ADP1614ACPZ-R7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADP1614 operates in current-mode pulse-width modulation (PWM) with up to 94% efficiency. Adjustable soft start prevents inrush currents when the part is enabled. The PWM current-mode architecture allows excellent transient response, easy noise filtering, and the use of small, cost-saving external inductors and capacitors. Other key features include undervoltage lockout (UVLO), thermal shutdown (TSD), and logic controlled enable.

The ADP1614 is available in Pb-free, 10-lead lead frame chip scale package (LFCSP).

Applications

TFT LCD bias supplies

Portable applications

Industrial/instrumentation equipment

Features

Adjustable and fixed current-limit options: Adjustable up to 4A Fixed 3 A

2.5 V to 5.5V input voltage range

650kHz or 1.3MHz fixed frequency option

Adjustable output voltage, up to 20V

Adjustable soft start

Undervoltage lockout

Thermal shutdown

3mm×3mm, 10-lead LFCSP

Supported by ADIsimPower design tool

Application

TFT LCD bias supplies

Portable applications

Industrial/instrumentation equipment

Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



[ADP3367ARZ](#)

Analog Devices, Inc
SOIC-8



[ADP3330ARTZ3.3-RL7](#)

Analog Devices, Inc
SOT-23-6



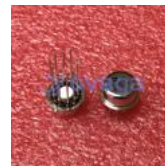
[ADR421ARZ](#)

Analog Devices, Inc
SOP-8



[AD737JRZ](#)

Analog Devices, Inc
SOP-8



[AD636JH](#)

Analog Devices, Inc
TO-100-10



[ADR434BRZ](#)

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SOIC-8



[ADR3412ARJZ-R7](#)

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