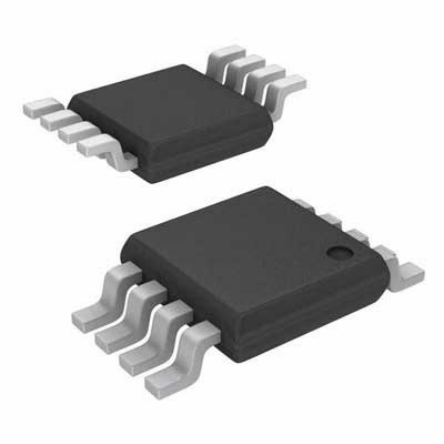
ADP1613ARMZ-R7

Data Sheet

650 kHz /1.3 MHz Step-Up PWM DC-to-DC Switching Converter with 2.0 A Current Limit

Manufacturers	Analog Devices, Inc
Package/Case	MSOP-8
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADP1613ARMZ-R7 or Email to us: sales@ovaga.com We will contact you in 12 hours. RFQ

General Description

The ADP1612/ADP1613 operate in current mode pulse-width modulation (PWM) with up to 94% efficiency. Adjustable soft start prevents inrush currents when the part is enabled. The pin-selectable switching frequency and PWM current-mode architecture allow for 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 ADP1612/ADP1613 are available in the lead-free 8-lead MSOP.

Applications
TFT LCD bias supplies

Portable applications

Industrial/instrumentation equipment

Features

Current limit 2.0

Minimum input voltage2.5 V

Pin-selectable 650 kHz or 1.3 MHz PWM frequency

Adjustable output voltage up to 20 V

Adjustable soft start

Undervoltage lockout

Thermal shutdown

8-lead MSOP

Application

TFT LCD bias supplies

Portable applications

Industrial/instrumentation equipment

Related Products

ADP3336ARMZ-REEL7

Analog Devices, Inc

MSOP-8

AD737JRZ

Analog Devices, Inc

SOP-8

ADP3367ARZ

Analog Devices, Inc

SOIC-8

AD636JH

Analog Devices, Inc

TO-100-10

ADP3330ARTZ3.3-RL7

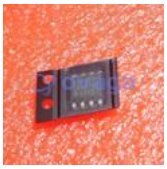
Analog Devices, Inc

SOT-23-6

ADR434BRZ

Analog Devices, Inc

SOIC-8



ADR421ARZ

Analog Devices, Inc

SOP-8

ADR3412ARJZ-R7

Analog Devices, Inc

SOT-23-6