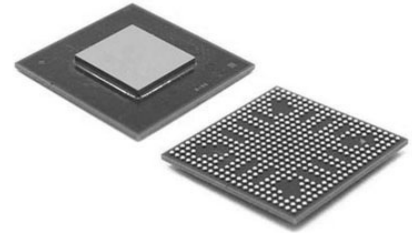


Conv DC-DC 2.3V to 5.5V Synchronous Step Down Single-Out 0.6V to 5.5V 1.25A 10-Pin LFCSP EP T/R

Manufacturers	Analog Devices, Inc
Package/Case	LFCSP-10
Product Type	Power Management ICs
RoHS	Rohs
Lifecycle	



Images are for reference only

Please submit RFQ for ADP2120ACPZ-R7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADP2119/ADP2120 are low quiescent current, synchronous, step-down DC-to-DC regulators in a compact 3mm x3mm LFCSP_WD package. Both Devices use current mode, constant frequency pulse-width modulation (PWM) control scheme for excellent stability and transient response. Under light load condition, they can be configured to operate in pulse frequency modulation (PFM) mode that reduces switching frequency to save power.

The ADP2119/ADP2120 can support input voltages from 2.3V to 5.5V. The output voltage can be adjusted from 0.6V to input voltage (VIN) for the adjustable version, while the fixed output version is available in preset output voltage options of 3.3V, 2.5V, 1.8V, 1.5V, 1.2V and 1.0V. The ADP2119/ADP2120 require minimal external parts and provide a high efficiency solution with their integrated power switches, synchronous rectifier, and internal compensation. Each IC draws less than 3 μ A current from the input source when it is disabled. Other key features include under voltage lockout(UVLO), integrated soft start to limit inrush current at startup, overvoltage protection (OVP), over current protection (OCP) and thermal shutdown (TSD).

Features

Continuous output current: 1.25A

145 mΩ and 70 mΩ integrated FET

Input voltage range from 2.3V to 5.5 V

Output voltage from 0.6V to VIN

1.2MHz fixed switching frequency

Synchronizable between 1.0MHz and 2MHz

Selectable PWM or PFM mode operation

Current mode architecture

Precision threshold enable input

Power-good flag

Voltage tracking input

Integrated soft start

Internal compensation

Start up with precharged output

See data sheet for additional features

Application

Point of load conversion

Communications and networking equipments

Industrial and instrumentation

Consumer electronics

Medical appliances

Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



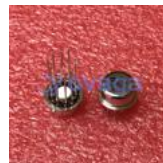
[AD737JRZ](#)

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