

Power Switch Hi Side 2A 6-Pin WLCSP T/R

Manufacturers	Analog Devices, Inc
Package/Case	6-WFBGA, WLCSP
Product Type	Switch
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for ADP1290ACBZ-R7 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The ADP1290 is a high-side load switch designed for operation between 2.3 V and 13.2 V. This load switch provides power domain isolation, helping to extend battery operation. The device contains a low on-resistance, N-channel MOSFET that supports more than 2 A of continuous current and minimizes power loss. In addition, RDSON is constant independent of the VIN voltage. The low 15 μA quiescent current and ultralow shutdown current of 20 μA make the ADP1290 ideal for battery-operated portable equipment. The built-in level shifter for enable logic makes the ADP1290 compatible with many processors and general-purpose input/output (GPIO) controllers. In addition to operating performance, the ADP1290 occupies minimal printed circuit board (PCB) space with an area of less than 1.5 mm² and a height of 0.60 mm. The ADP1290 is available in an ultrasmall, 1 mm \times 1.5 mm, 6-ball, 0.5 mm pitch WLCSP.

Features

Low RDSON of 40 m Ω

Wide input voltage range: 2.3 V to 13.2 V

2 A continuous operating current, >

1.2 V logic compatible enable input

Low 15 μA quiescent >

Low 19 μA quiescent >

Ultralow shutdown current: 2.0 μA at >

Ultrasmall 1.0 mm \times 1.5 mm, 6-ball, 0.5 mm pitch WLCSP

Application

Mobile phones

Digital cameras and audio devices

Portable and battery-powered equipment

Related Products



[ADP3336ARMZ-REEL7](#)

Analog Devices, Inc
MSOP-8



[ADP3367ARZ](#)

Analog Devices, Inc
SOIC-8



[ADP3330ARTZ3.3-RL7](#)

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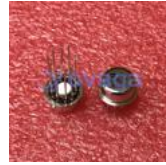
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