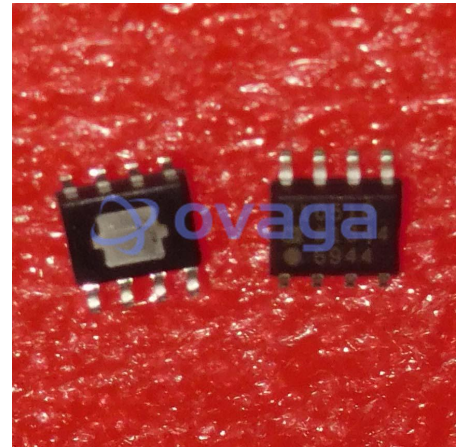


LDO Regulator Pos 1.8V 0.5A

Manufacturers	<a href="#">Analog Devices, Inc</a>
Package/Case	SOIC-8
Product Type	Power Management ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for ADP7105ARDZ-1.8 or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

## General Description

The ADP7105 is a CMOS, low dropout (LDO) linear regulator that operates from 3.3 V to 20 V and provides up to 500 mA of output current. This high input voltage LDO is ideal for regulation of high performance analog and mixed-signal circuits operating from 1.22 V to 19 V rails. Using an advanced proprietary architecture, the ADP7105 provides high power supply rejection and low noise, and achieves excellent line and load transient response with only a small 1  $\mu$ F ceramic output capacitor.

APPLICATIONS Regulation of noise sensitive applications: ADC and DAC circuits, precision amplifiers, high frequency oscillators, clocks, and PLLs Communications and infrastructure Medical and healthcare Industrial and instrumentation

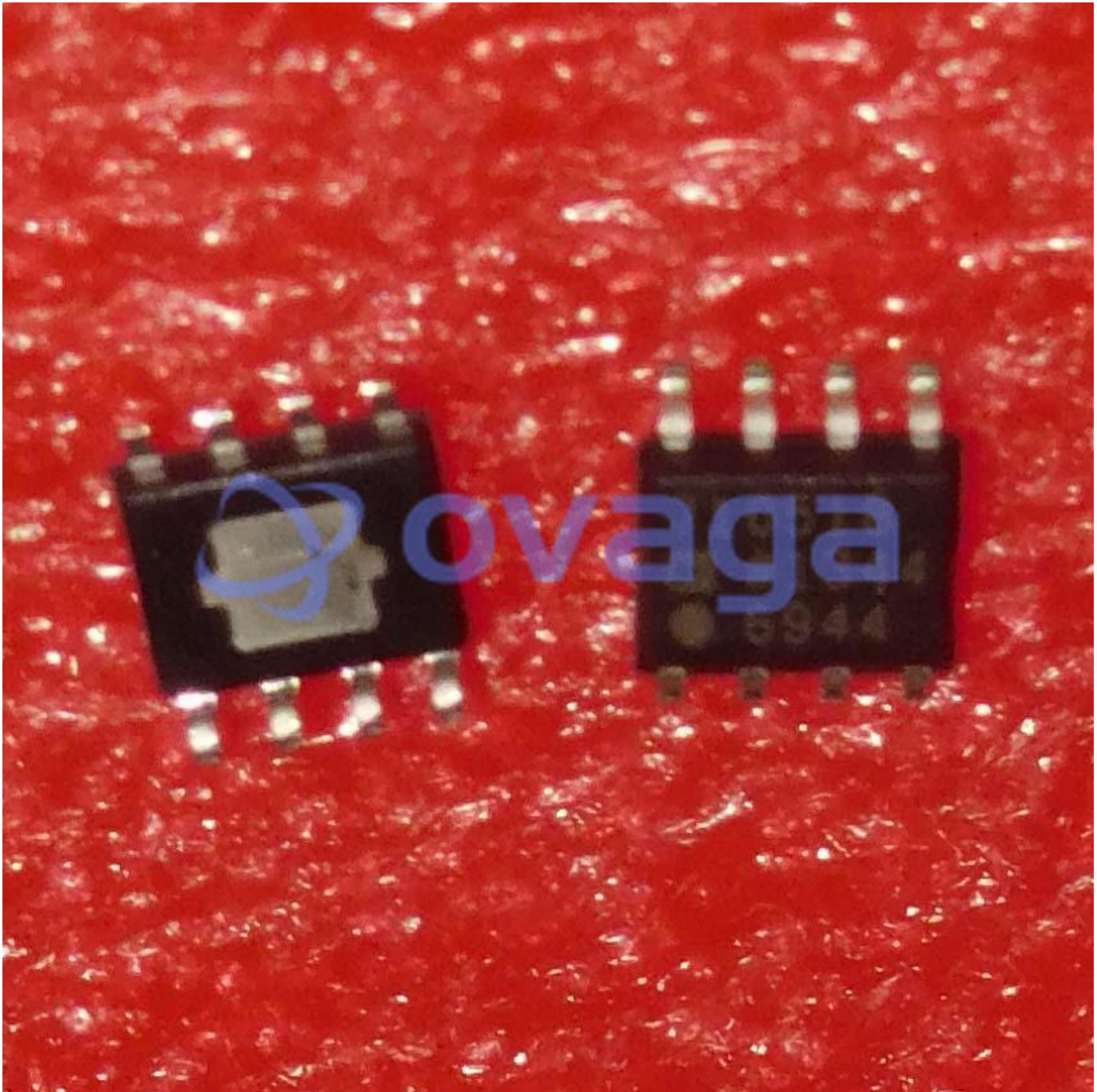
## Application

Regulation of noise sensitive applications: ADC and DAC circuits, precision amplifiers, high frequency oscillators, clocks, and PLLs

Communications and infrastructure

Medical and healthcare

Industrial and instrumentation



## Related Products



### [ADP3336ARMZ-REEL7](#)

Analog Devices, Inc  
MSOP-8



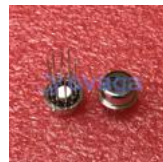
### [AD737JRZ](#)

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