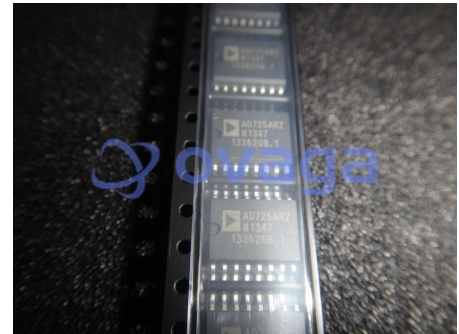


RGB to NTSC and PAL Encoder Temperature Range: Industrial

Manufacturers	Analog Devices, Inc
Package/Case	SOP-16
Product Type	Interface - Encoders, Decoders, Converters
RoHS	Pb-free Halide free
Lifecycle	



Images are for reference only

Please submit RFQ for AD725ARZ or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

The AD725 is a very low cost general purpose RGB to NTSC/PAL encoder that converts red, green and blue color component signals into their corresponding luminance (baseband amplitude) and chrominance (subcarrier amplitude and phase) signals in accordance with either NTSC or PAL standards. These two outputs are also combined on-chip to provide a composite video output. All three outputs are available separately at voltages of twice the standard signal levels as required for driving 75 Ω , reverse-terminated cables.

An evaluation board is available for this product and may be ordered using the following product number: AD725-EB.

Features

Composite video output: both NTSC and PAL

Chrominance and luminance (S-video) outputs

Luma trap port to eliminate cross color artifacts

TTL logic levels

Integrated delay line and

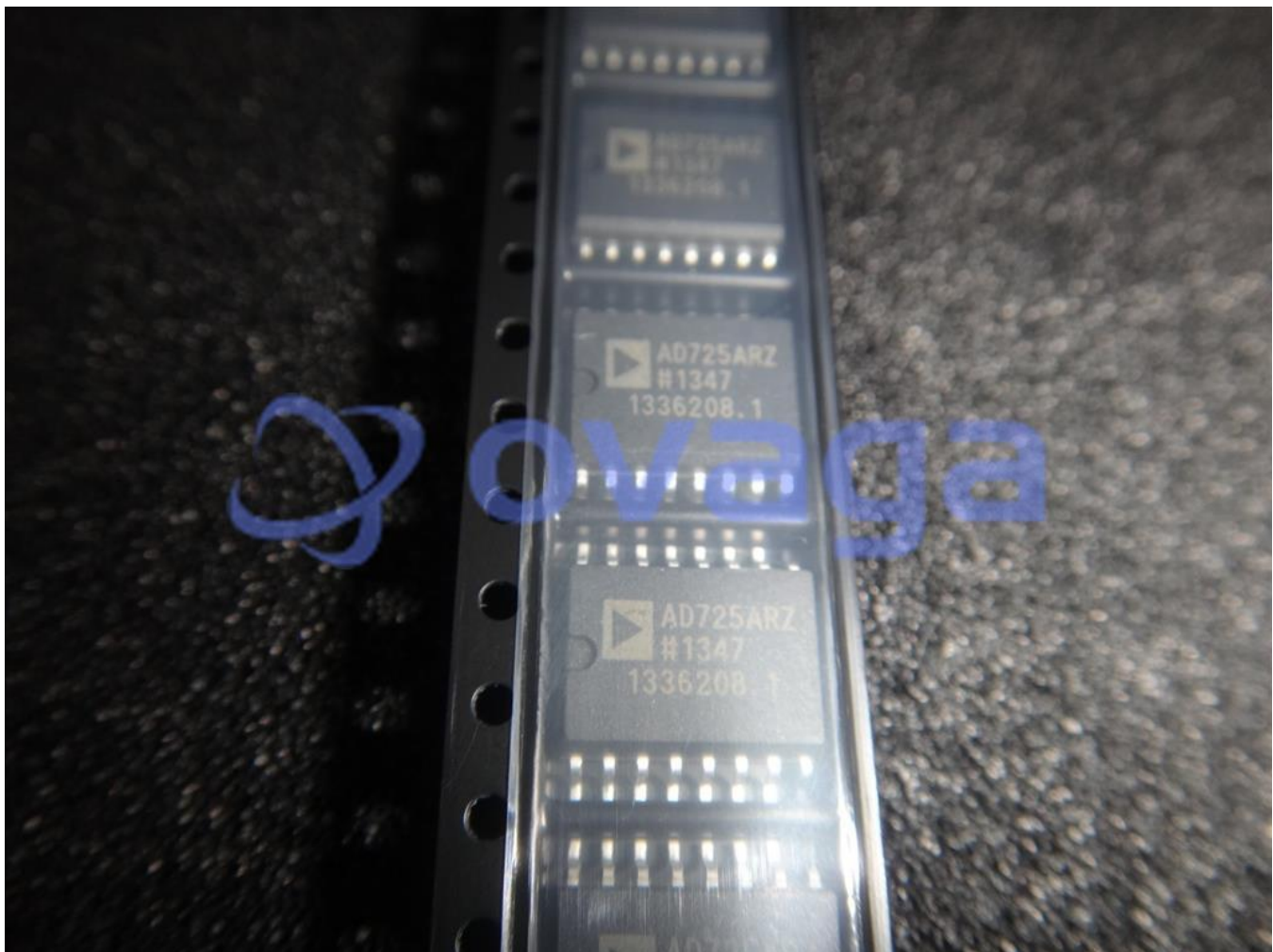
Auto-tuned filters

Drives 75 Ω reverse-terminated loads

Low power +5 V operation

Power-down to $<1 \mu\text{A}$

Very low cost





Related Products



[AD7181CBSTZ](#)

Analog Devices, Inc
LQFP-64



[AD724JR](#)

Analog Devices, Inc
SOIC-16



[AD7391WBCPZ](#)

Analog Devices, Inc
LFSCP-3



[AD7341BSTZ](#)

Analog Devices, Inc
LQFP-64



[AD8170AR](#)

Analog Devices, Inc
SOP8



[AD7393BCPZ](#)

Analog Devices, Inc
LFCSP-VQ-40



[AD7390BCPZ](#)

Analog Devices, Inc
QFN32



[ADUM4160BRIZ](#)

Analog Devices, Inc
SOIC-16