


Analog Video 250MHz 8 x 8 80-Pin LQFP Tray

Manufacturer:	Analog Devices, Inc
Package/Case:	QFP
Product Type:	Switches
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

Key Features	Application
--------------	-------------

<p>Serial or parallel programming of switch array</p>	<p>The AD8108 and AD8109 include eight independent output buffers that can be placed into a high impedance state for paralleling crosspoint outputs so that off channels do not load the output bus. The AD8108 has a gain of 1, while the AD8109 offers a gain of 2. They operate on voltage supplies of ± 5 V while consuming only 45 mA of idle current. The channel switching is performed via a serial digital control (which can accommodate daisy-chaining of several devices) or via a parallel control allowing updating of an individual output without reprogramming the entire array.</p>
<p>Output disable allows connection of multiple devices</p>	<p>The AD8108/AD8109 is packaged in an 80-lead LQFP and is available over the extended industrial temperature range of -40°C to $+85^{\circ}\text{C}$.</p>
<p>Low power of 45mA</p>	<p>Applications</p> <ul style="list-style-type: none"> Routing of high speed signals including Composite video (NTSC, PAL, S, SECAM) Component video (YUV, RGB) Compressed video (MPEG, Wavelet) 3-level digital video (HDB3)



Recommended For You

AD1803JRU

Analog Devices, Inc
TSSOP24

AD1847JP

Analog Devices, Inc
PLCC

AD8115ASTZ

Analog Devices, Inc
QFP

AD1980JST-REEL

Analog Devices, Inc
QFP48

AD1836AAS

Analog Devices, Inc
QFP52

AD1843JS

Analog Devices, Inc
QFP

AD1888JCPZ-REEL

Analog Devices, Inc
LFCSP-48

AD8116JSTZ

Analog Devices, Inc
QFP128

ADV601LCJST

Analog Devices, Inc
QFP

ADV611JST

Analog Devices, Inc
QFP

ADN4600ACPZ

Analog Devices, Inc
QFN

AD8152JBPZ

Analog Devices, Inc
BGA

ADN4605ABPZ

Analog Devices, Inc

BGA

AD8113JSTZ

Analog Devices, Inc

QFP

ADN4612ACPZ

Analog Devices, Inc

LFCSP-88