



# FULLY BUFFERED BROADCAST QUALITY HYBRID VIDEO FILTER

## AH854

The AH854 fully buffered broadcast quality hybrid video filter is a broadcast quality filter for use with oversampled PAL, luminance, or full bandwidth RGB signals. Interfacing to the system is simplified with high input and low output impedance op-amp buffer stages.

<i>Filter Shape</i>	Lowpass
<i>Passband Shape</i>	Flat
<i>Insertion Loss at 100 kHz</i>	0 dB $\pm$ 0.2 dB
<i>End Of Passband</i>	5.75 MHz
<i>Passband Amplitude Ripple</i>	0.1 dB max
<i>Start Of Stopband</i>	21.5 MHz
<i>Stopband Attenuation wrt 100 kHz</i>	40 dB min to 50 MHz
<i>Group Delay Ripple</i>	6.0 ns max to 5.75 MHz
<i>Delay Time at 200 kHz</i>	28 ns $\pm$ 2 ns
<i>Typical Current</i>	20 mA (10 mA per rail at $\pm$ 5 v)
<i>Input Impedance</i>	2 M $\Omega$ typical
<i>Aqueous Washable</i>	Yes
<i>Package</i>	DR00037A

# PACKAGE DETAIL

