



PRE A-D FILTER

AH892

The AH892 is a tightly specified pre A-to-D filter designed for high quality CCIR 601 luminance applications. 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>Gain</i>	0 dB \pm 0.1 dB
<i>End Of Passband</i>	5.5 MHz
<i>Passband Amplitude Ripple wrt 100 kHz</i>	\pm 0.2 dB max
<i>Loss at 7.8 MHz wrt 100 kHz</i>	30 dB \pm 2 dB
<i>Start Of Stopband</i>	8.5 MHz
<i>Stopband Attenuation wrt 100 kHz</i>	40 dB min
<i>Group Delay Ripple wrt 200 kHz</i>	$< \pm$ 10.0 ns to 5.4 MHz
<i>Delay Time at 200 kHz</i>	420 ns \pm 10 ns
<i>Differential Phase</i>	0.25° max.
<i>Differential Gain</i>	0.1 % max.
<i>Supply Voltage</i>	\pm 1.5v to \pm 6v
<i>Typical Current</i>	20 mA per rail at \pm 5 v
<i>Input Impedance</i>	2 M Ω typical
<i>Aqueous Washable</i>	Yes
<i>Package</i>	DR00035A

PACKAGE DETAIL

