



# FULLY BUFFERED HYBRID PRE/POST PAL FILTER

## AH855

The AH855 fully buffered hybrid pre/post PAL filter has been designed to filter PAL or full bandwidth RGB signals. The filter can be employed in either pre A/D or post D/A applications with user selection of the passband shape thereby simplifying the system inventory and ordering procedure.

<i>Filter Shape</i>	Lowpass
<i>Passband Shape - user selectable (pin2)</i>	Flat or Sinx/x
<i>Sampling Frequency</i>	27 MHz
<i>Gain</i>	- 0.2 dB $\pm$ 0.2 dB      with pin 6 open +5.8 dB $\pm$ 0.2 dB      with pin 6 gnd
<i>End Of Passband</i>	5.75 MHz
<i>Passband Amplitude Ripple</i>	0.25 dB max
<i>Start Of Stopband</i>	21.5 MHz
<i>Stopband Attenuation wrt 5.75 MHz</i>	40 dB min to 20 MHz 35 dB min to 50 MHz
<i>Group Delay Ripple to 5.75 MHz</i>	Flat: 6 ns max      Sinx/x: 10 ns max
<i>Delay Time at 200 kHz</i>	Flat: 28 ns $\pm$ 2 ns      Sinx/x: 25 ns $\pm$ 2 ns
<i>Typical Current</i>	30 mA (15 mA per rail at $\pm$ 5 v)
<i>Input Impedance</i>	2 M $\Omega$ typical
<i>Aqueous Washable</i>	Yes
<i>Package</i>	DR00162A

# PACKAGE DETAIL

