



FULLY BUFFERED HYBRID LOWPASS FILTER

AH995

The AH995 fully buffered hybrid lowpass filter has been designed for use in D1/D5 oversampled systems. Interfacing to the system is simplified with high input and low output impedance op-amp buffer stages.

<i>Passband Shape</i>	Flat
<i>Insertion Loss at 100 kHz</i>	0 dB \pm 0.1 dB
<i>End Of Passband</i>	7.67 MHz
<i>Passband Amplitude Ripple wrt 100 kHz</i>	\pm 0.05 dB max
<i>Start Of Stopband</i>	26.5 MHz
<i>Stopband Attenuation wrt 100 kHz</i>	40 dB min
<i>Group Delay Ripple wrt 200 kHz</i>	\pm 3 ns max to 7.67 MHz
<i>Delay Time at 200 kHz</i>	33 ns \pm 3 ns
<i>Typical Current</i>	8 mA (4 mA per rail at \pm 5 v)
<i>Input Impedance</i>	2 M Ω typical
<i>Aqueous Washable</i>	Yes
<i>Package</i>	DR00037A

PACKAGE DETAIL

