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PIN/FUNCTION								
No.	Pin Name	I/O	Function					
1	VREFH	Ι	Positive Voltage Reference Input Pin, VA Used as a positive voltage reference by ADC & DAC. VREFH is connected externally to filtered VA.					
2	VREFL	Ι	Negative Voltage Reference Input Pin, AGND Used as a negative voltage reference by ADC & DAC. VREFL is connected externally to AGND.					

ABSOLUTE MAXIMUM RATINGS

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ANALOG CHARACTERISTICS

Parameter			min	typ	max	Units	
Power supply Current		VA=VD=5V					
Analog	AD+DA	PWAD="H",PWDA="H"		41	62	mA	
VA	AD	PWAD="H",PWDA="L"		17	26	mA	
	DA	PWAD="L",PWDA="H"		25	38	mA	D

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OPERATION OVERVIEW

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" Digital High Pass Filter

4. Analog Outputs

The analog outputs are also single-ended and centered around the VCOM voltage. The input signal range scales with the supply voltage and nominally 0.626 x (VREFH-VREFL) Vpp. The DAC input data format is 2's complement. The output voltage is a positive full scale for 7FFFFH(@20bit) and a negative full scale for 80000H(@20bit). The ideal output is VCOM voltage for 00000H(@20bit). The internal switched-capacitor filter and continuous-time filter removes most of the noise generated by the delta-sigma modulator of DAC beyond the audio passband.

DC offsets on analog outputs are eliminated by AC coupling since DAC outputs have DC offsets of a few mV.

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- IMPORTANT NOTICE -

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