

ASM Specifications

The table below summarize the ASM specifications

SPECIFICATIONS

Outputs	Characteristics (Per Channel)		
16 Channels	Resolution	12 bits	Accuracy 1%
	Voltage output (impedance > 100K Ω)	VO(min) 0V	Ratiometric: Linear output range between high & low references Linearization: possible for last 4 channels
		VO(max) 16V	
	Voltage Protection	VREF_L (min)	-1V
		VREF_H (max)	27V
	Max. Current	200mA continuous	
Frequency Protection	50KHz (1.6 μ sec/V slew rate; Rload = 1K Ω)		
	Over Current \rightarrow Yes	Thermal Shutdown \rightarrow Yes	

Table 1: ASM Electrical Specifications