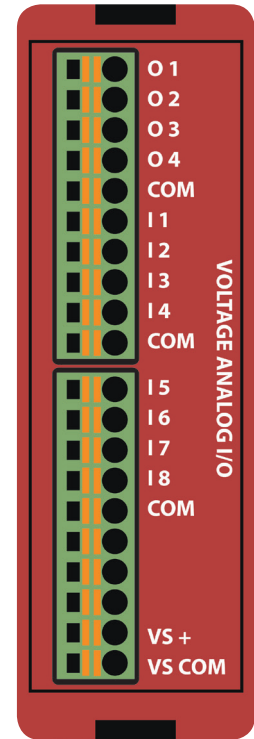




## 16-Bit, 8 pt. Analog In, 4 pt. Analog Output Module (Voltage)

Module Specifications		
Analog Voltage Input Specs	Number of Channels	8 Single ended
	Input Range	0-10 VDC
	Resolution	16-bit (1-65535)
	Step Response	15µs to 95% of FS
	Crosstalk	1/2 count max, -120dB
	Input Impedance	>10MΩ
	Absolute Max Ratings	±12V ±100mA
	Converter Type	successive approximation
	Linearity Error (end to end)	±2 LSB
	Input Stability	
	Gain Error	±1 LSB
	Offset Calibration Error	±5 LSB
Max Inaccuracy	0.1% @ 25° C	
Accuracy vs. Temperature	± 1 ppm/°C	
Analog Voltage Output Specs	Number of Channels	4 Single ended
	Output Range	0-10 VDC
	Resolution	16-bit (1-65535)
	Conversion Setting Time	10µs to 95% of FS
	Crosstalk	1/2 count max, -100dB
	Peak Output Voltage	±18 VDC
	Offset Error	±0.15% of range
	Gain Error	±0.15% of range
	Linearity Error (end to end)	±2 LSB
	Output Stability	±2 count
	Load Impedance	2KΩ min.
	Load Capacitance	0.01µF max.
Accuracy vs. Temperature	5ppm/°C	

Pinout Information			
1	Output(1)	11	Input(5)
2	Output(2)	12	Input(6)
3	Output(3)	13	Input(7)
4	Output(4)	14	Input(8)
5	COM	15	COM
6	Input(1)	16	Not Connected
7	Input(2)	17	Not Connected
8	Input(3)	18	Not Connected
9	Input(4)	19	+VS
10	COM	20	VS-COM



**EZRPL-IO-8ANI4ANOV-16BIT**

