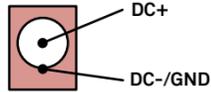
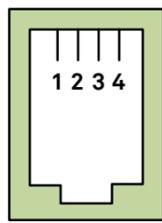


**DC Power Supply**

9-24V DC Power Plug



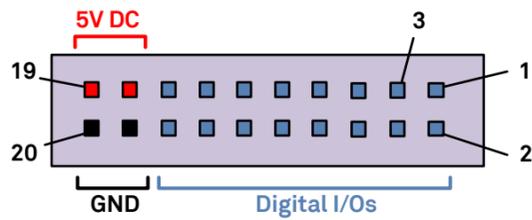
**Analog Inputs**



Pin1: Analog Input 0-5V  
 Pin2: Ground  
 Pin3: 5V DC  
 Pin4: Power Supply Voltage

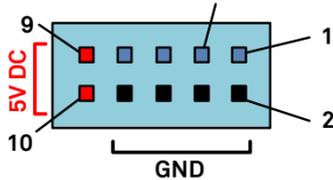
Port	OMC Pin	Macro
Analog Input 1	A15	omcSensor1
Analog Input 2	A14	omcSensor2
Analog Input 3	A13	omcSensor3

**Digital I/Os**



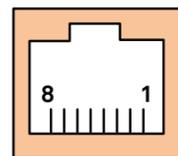
Port-Pin	OMC Pin	Macro	PWM
Pin1	22	omcI01	YES
Pin2	23	omcI02	YES
Pin3	24	omcI03	YES
Pin4	25	omcI04	YES
Pin5	26	omcI05	YES
Pin6	27	omcI06	YES
Pin7	28	omcI07	YES
Pin8	29	omcI08	YES
Pin9	30	omcI09	YES
Pin10	31	omcI10	YES
Pin11	32	omcI11	YES
Pin12	33	omcI12	NO
Pin13	34	omcI13	NO
Pin14	35	omcI14	NO
Pin15	36	omcI15	NO
Pin16	37	omcI16	NO
Pin17/19	5V		
Pin18/20	Ground		

**SPI Port**



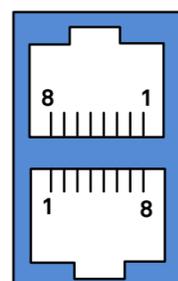
Port-Pin	OMC Pin	Macro	Function
Pin1	83	omcSS2	SPI SS
Pin2	GND		
Pin3	15	omcMISO2	SPI MISO / UART3 RX
Pin4	GND		
Pin5	14	omcMOSI2	SPI MOSI / UART3 TX
Pin6	GND		
Pin7	82	omcSCK2	SPI Clock
Pin8	GND		
Pin9	5V DC		
Pin10	5V DC		

**Ethernet/Network**



Port-Pin	Ethernet
Pin1	TX+
Pin2	TX-
Pin3	RX+
Pin4	-
Pin5	-
Pin6	RX-
Pin7	
Pin8	

**DMX Ports**



Port-Pin	DMX	OMC Pin	Function
Pin1	Data+	18/19	UART1 RX/TX
Pin2	Data-	18/19	UART1 RX/TX
Pin3	-		
Pin4	-		
Pin5	-		
Pin6	-		
Pin7	GND		
Pin8	GND		