



Pin	Name	Function	I/O	Specifications	Output Voltage Typ (V)	Output Current Max (mA)
1	Vo	Power Out	OUT	Internal Battery	3.3	100
				Power supply from PC USB port	3.3	100
				Power supply from AC adapter	3.3	250
2	Din1	Digital Input	IN			
3	Din2	Digital Input	IN	Input low voltage (VIL) Input high voltage (VIH)	Min (V) 0.0	Max (V) 0.9
4	Din3	Digital Input	IN		2.1	3.0
5	GND	Ground	-			
6	Dout1	Digital Output	OUT			
7	Dout2	Digital Output	OUT	Output low voltage (VOL)	Min (V) 0.0	Max (V) 0.3
				Output high voltage (VOL)	2.7	3.0
				Maximum current (mA)	5.0	
8	Dout3	Digital Output	OUT			
9	Ain	Analog Input	IN	Input Voltage	Min (V) 0.0	Max (V) 3.0
				Analog to Digital Converter	8Bit	
10	PWMOut	PWM Output	OUT	Output low voltage (VOL)	Min (V) 0.0	Min (V) 0.3
				Output high voltage (VOH)	2.7	3.0
				Maximum Current (mA)	0.5	
				Frequency (Hz)	125	

 Absolute maximum ratings -0.3V to 3.3V

 Operating temperature 32° to 95° F