


Open=0 / Closed=1  
 I2C Address =  
 1 + A5 + A4 + A3 + A2 + A1 + A0 + RW

**PCA9685**  
 16 Channel 12-Bit PWM  
 I2C Address: 1[A5..A0][R/W]  
 VDD: 2.3-5.5V IO: 5V Safe  
 Output: 25mA Each/400mA Total

28	VDD	PWM0	6	PWM0
		PWM1	7	PWM1
		PWM2	8	PWM2
		PWM3	9	PWM3
		PWM4	10	PWM4
		PWM5	11	PWM5
		PWM6	12	PWM6
		PWM7	13	PWM7
		PWM8	14	PWM8
		PWM9	15	PWM9
		PWM10	16	PWM10
		PWM11	17	PWM11
		PWM12	18	PWM12
		PWM13	19	PWM13
		PWM14	20	PWM14
		PWM15	21	PWM15
		PWM16	22	PWM16

6ND EXTCLK when not in use!



PCB logo

**PCA9685 Shield rev C**

9/27/2016 3:17:54 PM Sheet: 1/1

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