

Sheet1

BCM	wPi	Name	Physical	AD/DA	Motor_MC33886	Joystick	Button
-	-	3.3V	1	3.3V			
2	8	SDA.1	3	NC			
3	9	SCL.1	5	NC			
4	7	GPIO.7	7	NC		FIRE	
-	-	0V	9	GND		GND_FIRE	
17	0	GPIO.0	11	DRDY			
27	2	GPIO.2	13	PDWN			
22	3	GPIO.3	15	CS0_ADS1256			
-	-	3.3V	17	3.3V			
10	12	MOSI	19	DIN			
9	13	MISO	21	DOUT			
11	14	SCLK	23	SCK			
-	-	0V	25	GND		GND_1	
0	30	SDA.0	27	NC			
5	21	GPIO.21	29	NC		JOY_1	
6	22	GPIO.22	31	GPIO	M3_BLUE		
13	23	GPIO.23	33	GPIO	M4		
19	24	GPIO.24	35	GPIO			BTN_1
26	25	GPIO.25	37	GPIO	PWMA		
-	-	0V	39	GND			GND_1
-	-	5V	2	5V			
-	-	5V	4	5V			
-	-	0V	6	GND			
14	15	TxD	8	NC			
15	16	RxD	10	NC			
18	1	GPIO.1	12	RESET			
-	-	0V	14	GND		GND_2	
23	4	GPIO.4	16	CS1_DAC8552			
24	5	GPIO.5	18	NC		JOY_2	
-	-	0V	20	GND		GND_3	
25	6	GPIO.6	22	NC		JOY_3	
8	10	CEO	24	NC			
7	11	CE1	26	NC			
1	31	SCL.0	28	NC			
-	-	0V	30	GND			
12	26	GPIO.26	32	NC	PWMB		
-	-	0V	34	GND		GND_4	
16	27	GPIO.27	36	NC		JOY_4	
20	28	GPIO.28	38	NC	M1_RED		
21	29	GPIO.29	40	NC	M2_GREEN		