

Power Pong IO Chart

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Item	Content	SW1-DIP Adjustment							
		SW11	SW12	SW13	SW14	SW15	SW16	SW17	SW18
Credit	1	ON	ON						
	2	off	on						
	3	on	off						
	4	off	off						
Game Time (min)	3			on	on	on			
	4			off	on	on			
	5			ON	OFF	ON			
	6			off	off	on			
	8			on	on	off			
	10			off	on	off			
	15			on	off	off			
	unlimited			off	off	off			
shape of Cup combinati on after hitting 3 cups.	1						ON	ON	ON
	2						off	on	on
	3						on	off	on
	4						off	off	on
	5						ON	ON	OFF
	6						off	on	off
	7						on	off	off

Item	Content	SW2-DIP Adjustment							
		SW21	SW22	SW23	SW24	SW25	SW26	SW27	SW28
Combination	I	ON							
	II	off							
Ball Qty. (Extra Ball)	0		on	on	on				
	1		OFF	ON	ON				
	2		on	off	on				
	3		OFF	OFF	ON				
	4		on	on	off				
	5		off	on	off				
	6		on	off	off				
	7		off	off	off				
Ball Qty. (Start game with ball)	1					ON	ON	ON	
	2					off	on	on	
	3					ON	OFF	ON	
	4					off	off	on	
	5					on	on	off	
	6					off	on	off	
	7					on	off	off	
	8					off	off	off	
Game Time	+1 (min)								ON
	+0 (min)								OFF

Item	Content	SW3-DIP Adjustment							
		SW31	SW32	SW33	SW34	SW35	SW36	SW37	SW38
Extra Ball (Coin)	1	ON	ON						
	2	off	on						
	3	on	off						
	4	off	off						
Start	0			on	on	on			
Game with ball (coin)	1			OFF	ON	ON			
	2			ON	OFF	ON			
	3			off	off	on			
	4			on	on	off			
	6			off	on	off			
	8			on	off	off			
	10			off	off	off			

INPUT

INPUT	Content	INPUT	Content	INPUT	Content	INPUT	Content
I1	1# Coin	I11	1#Falling Ball Sensor2	I21	2#MotorPositionSensor2	I31	2#Falling Ball Sensor6
I2	(Extra Ball Reset)	I12	1#Falling Ball Sensor3	I22	2#MotorPositionSensor3	I32	ball output sensor
I3		I13	1#Falling Ball Sensor4	I23	2#MotorPositionSensor4	I33	StarGameButton
I4	1#MotorPositionSensor1	I14	1#Falling Ball Sensor5	I24	2#MotorPositionSensor5	I34	ExtraBallButton
I5	1#MotorPositionSensor2	I15	1#Falling Ball Sensor6	I25	2#MotorPositionSensor6	I35	StartGameWithBallButton
I6	1#MotorPositionSensor3	I16		I26	2#Falling Ball Sensor1	I36	
I7	1#MotorPositionSensor4	I17		I27	2#Falling Ball Sensor2	I37	
I8	1#MotorPositionSensor5	I18		I28	2#Falling Ball Sensor3	I38	
I9	1#MotorPositionSensor6	I19		I29	2#Falling Ball Sensor4	I39	
I10	1# Falling Ball Sensor1	I20	2#MotorPositionSensor1	I30	2#Falling Ball Sensor5	I40	

OUTPUT

OUTPUT	Content	OUTPUT	Content	OUTPUT	Content	SEG Display:	Content
OUT1		OUT17		OUT33	1#MotorDriver1	SEG1_1	
OUT2		OUT18		OUT34	1#MotorDriver2	SEG1_2	
OUT3		OUT19		OUT35	1#MotorDriver3	SEG1_3	
OUT4		OUT20		OUT36	1#MotorDriver4	SEG1_4	
OUT5		OUT21		OUT37	1#MotorDriver5	SEG1_5	
OUT6		OUT22		OUT38	1#MotorDriver6	SEG1_6	
OUT7		OUT23		OUT39		SEG1_7	
OUT8		OUT24		OUT40		SEG1_8	
OUT9		OUT25		OUT41	2#MotorDriver1	SEG2_1	
OUT10		OUT26		OUT42	2#MotorDriver2	SEG2_2	
OUT11		OUT27		OUT43	2#MotorDriver3	SEG2_3	
OUT12	欢迎	OUT28	CoinMetrDriver	OUT44	2#MotorDriver4	SEG2_4	
OUT13		OUT29	ExtraBallMeterDriver	OUT45	2#MotorDriver5	SEG2_5	
OUT14		OUT30	Start Game ButtonLed	OUT46	2#MotorDriver6	SEG2_6	
OUT15		OUT31	ExtraBall ButtonLed	OUT47	ExtraBallMotorDriver	SEG2_7	
OUT16		OUT32	StartGameWithBallButtonLed	OUT48	LOGO Led	SEG2_8	

Test the Main Board:

- After SEG Display "I01" for 1 second, stop at "8.7.6.5.4.3.2.1."& "87654321".
(Test the SEG Display)
- Press the "SERVICE" button 1 time, 7_Seg display "I02" 01 seconds, stop at "22222xxx/22222xxx", (Test SW DIP 1-3 State), the Dip SW1-SW3 State Display at "xxx";
- Press the "SERVICE" button 1 time, 7_Seg display "I03" 1 second, stop at "3333xxx/3333xxx", (Test INPUT), the input which is on will be display at <1>1-2, <1>3-4, <2>1-2, <2>3-4
- Press the "SERVICE" button 1 time, 7_Seg display "I04" 1 second, stop at "4444xxx/4444xxx", (Test OUTPUT-1), the input which is on will be display at <1>1-2, <1>3-4, <2>1-2, <2>3-4, and the OUTPUT will ON when the INPUT is on;
- Press the "SERVICE" button , 7_Seg display "I05" 1 second, stop at "55555xx/55555555", (Test OUTPUT-2), the output 1-48 will ON one by one; and display the output number at <1>1-2
- Press the "SERVICE" button , 7_Seg display "I06" 1 second, stop at "666666xx/66666666", (Test Sound), Press the I02, the sound will be play, and the Number will be display at <1>1-2
- Press the "TEST" again when in the "TEST MODE", Quit the "TEST Mode".

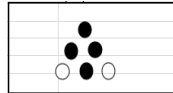
Note: Cup Combination after dropping ball(s)

I The shape of cup combination after all the cups go down.

II The shape of cup combination after the cups(certain ones) go down.

1. Shape of Cup combination after hitting 2 cups.

Photo#1



2. Shape of Cup combination after hitting 3 cups.

Photo#2

