

Pharah's treasure I/O chart V1. 4

Update: 7/26/2011
Design: 11/28/2006

Item	content	DIP Swich bank 1							
		1	2	3	4	5	6	7	8
Mercy ticket	0	ON	ON						
	1	off	on						
	2	on	off						
	4	off	off						
Ticket per coin over the edge	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			
JP Value	0						on	on	on
	25						off	on	on
	50						ON	OFF	ON
	75						off	off	on
	100						on	on	off
	150						off	on	off
	200						on	off	off
250						off	off	off	

Input:

INPUT	Content	INPUT	Content	INPUT	Content	INPUT	Content
I1	1#Coin	I11	2# Coin drop test	I21	3# JP SW1	I31	4# JP SW3
I2	1# JP sensor	I12	2# Hopper signal	I22	3# JP SW2	I32	4# Ticket feedback
I3	1# Coin drop test	I13	2# JP SW1	I23	3# JP SW3	I33	1# Wheel reset
I4	1# Hopper signal	I14	2# JP SW2	I24	3# Ticket feedback	I34	2# Wheel reset
I5	1# JP SW1	I15	2# JP SW3	I25	4#Coin	I35	3# Wheel reset
I6	1# JP SW2	I16	2# Ticket feedback	I26	4# JP sensor	I36	4# Wheel reset
I7	1# JP SW3	I17	3#Coin	I27	4# Coin drop test	I37	1# JP reset
I8	1# Ticket feedback	I18	3# JP sensor	I28	4# Hopper signal	I38	2# JP reset
I9	2#Coin	I19	3# Coin drop test	I29	4# JP SW1	I39	3# JP reset
I10	2# JP sensor	I20	3# Hopper signal	I30	4# JP SW2	I40	4# JP Reset

INPUT	Content	INPUT	Content	INPUT	Content	INPUT	Content
I41		I51		I61		I71	
I42		I52		I62		I72	
I43		I53		I63		I73	
I44		I54		I64		I74	
I45		I55		I65		I75	
I46		I56		I66		I76	
I47		I57		I67		I77	
I48		I58		I68		I78	
I49		I59		I69		I79	
I50		I60		I70		I80	Alarm

Item	content	DIP Swich bank 2							
		1	2	3	4	5	6	7	8
Attract music	Close	on	on						
	2M	off	on						
	4M	on	off						
	6M	off	off						
JP +	0			on	on				
	1			OFF	ON				
	1/2			on	off				
	1/3			off	off				
Wheel score	A1					on	on		
	A2					OFF	ON		
	A3					on	off		
	A4					off	off		

Output:

OUTPUT	Content	OUTPUT	Content	OUTPUT	Content	OUTPUT	Content
OUT1	1# Stepper Motor pulse	OUT11	LED-Gre	OUT21	1# Coin motor	OUT31	3# Ticket driver
OUT2	1# Stepper Motor direction	OUT12	LED-Blu	OUT22	2# Coin motor	OUT32	4# Ticket driver
OUT3	2# Stepper Motor pulse	OUT13	LED-Gre	OUT23	3# Coin motor	OUT33	Coin Amount
OUT4	2# Stepper Motor direction	OUT14	LED-Blu	OUT24	4# Coin motor	OUT34	Ticket Amount
OUT5	3# Stepper Motor pulse	OUT15	LED-Gre	OUT25	1# JP lamp	OUT35	
OUT6	3# Stepper Motor direction	OUT16	LED-Blu	OUT26	2# JP lamp	OUT36	
OUT7	4# Stepper Motor pulse	OUT17	1# JP reset motor	OUT27	3# JP lamp	OUT37	
OUT8	4# Stepper Motor direction	OUT18	2# JP reset motor	OUT28	4# JP lamp	OUT38	
OUT9	LED-Gre	OUT19	3# JP reset motor	OUT29	1# Ticket driver	OUT39	
OUT10	LED-Blu	OUT20	4# JP reset motor	OUT30	2# Ticket driver	OUT40	

LED display:

Score/JP

LED<1>1-3 1#Score	LED<2>.e	1# Win Lamp1	LED<4>.e	3#Win Lamp1
LED<1>4-6 1#JP	LED<2>.d	1# Win Lamp2	LED<4>.d	3#Win Lamp2
	LED<2>.c	1# Win Lamp3	LED<4>.c	3#Win Lamp3
LED<3>1-3 1#Score	LED<2>.h	2# Win Lamp1	LED<4>.h	4#Win Lamp1
LED<3>4-6 1#JP	LED<2>.b	2# Win Lamp1	LED<4>.b	4#Win Lamp2
	LED<2>.a	2# Win Lamp1	LED<4>.a	4#Win Lamp3
LED<5>1-3 1#Score	LED<2>.f		LED<2>.f	
LED<5>4-6 1#JP	LED<2>.g		LED<2>.g	

LED<7>1-3 4#Score

LED<7>4-6 4#JP

Test method:

Press TEST button in the PCB to get into the test menu:

LED Test:LED displays 12345678

Press TEST button again to get into DIP SW test menu:

LED display:SW1 displays the in 1st position,SW2 display in the 2nd position.

Press TEST button again to get into input signal test menu:

Put signal from the input interface: LED display the numbers of input interface according

Press TEST button again to get into the LED test menu:

LED display 33333333

Press TEST button again to get into LED input test menu:

LED display 44444444

Press TEST button again to get into input LED test menu:

LED display 55555555

Press TEST button to exit the test menu.

Group	#1	#2	#3	#4	#5	#6	#7	#8
A1	1	2	3	4	5	1	3	4
A2	4	5	8	4	25	5	10	8
A3	5	8	10	3	25	5	10	3
A4	4	5	10	8	30	5	8	10

PIE

