

PIN		Standard Usage		DDR Usage		ITG/IO Usage	
Component Side	Solder Side	Component Side	Solder Side	Component Side	Solder Side	Component Side	Solder Side
1	A	GND	GND	GND	GND	GND	GND
2	B	GND	GND	GND	GND	GND	GND
3	C	+5V	+5V	+5V	+5V	+5V	+5V
4	D	+5V	+5V			+5V	+5V
5	E	-5V	-5V				
6	F	+12V	+12V	+12V	+12V	+12V	+12V
KEY	KEY	KEY	KEY	KEY	KEY	KEY	KEY
8	J	Coin Counter 1	Coin Counter 2	Coin Counter 1		USB Out 1.6	
9	K	Coin Lock 1	Coin Lock 2				
10	L	Left Speaker +	Left Speaker -				
11	M	Right Speaker +	Right Speaker -				
12	N	Red	Green	Red	Green	Red	Green
13	P	Blue	Composite Sync	Blue	Composite Sync	Blue	Composite Sync
14	R	Video Ground	Service 1	Video Ground	Service 1	Video Ground	USB In 1.6
15	S	Test 1	Tilt	Test 1		USB In 1.6	USB In 1.6
16	T	P1 Coin	P2 Coin	P1 Coin	P2 Coin	USB In 1.7	USB In 1.7
17	U	P1 Start	P2 Start	P1 Start	P2 Start	USB In 0.4	USB In 1.3
18	V	P1 Up	P2 Up	P1 Up	P2 Up	USB In 0.0	USB In 0.7
19	W	P1 Down	P2 Down	P1 Down	P2 Down	USB In 0.1	USB In 1.0
20	X	P1 Left	P2 Left	P1 Left	P2 Left	USB In 0.2	USB In 1.1
21	Y	P1 Right	P2 Right	P1 Right	P2 Right	USB In 0.3	USB In 1.2
22	Z	P1 Button 1	P2 Button 1				
23	a	P1 Button 2	P2 Button 2	P1 Left Button	P2 Left Button	USB In 0.5	USB In 1.4
24	b	P1 Button 3	P2 Button 3	P1 Right Button	P2 Right Button	USB In 0.6	USB In 1.5
25	c	P1 Button 4	P2 Button 4				
26	d	Test 2	Service 2			USB In 1.6	USB In 1.6
27	e	GND	GND	GND	GND	GND	GND
28	f	GND	GND	GND	GND	GND	GND