

JAMMAMIA

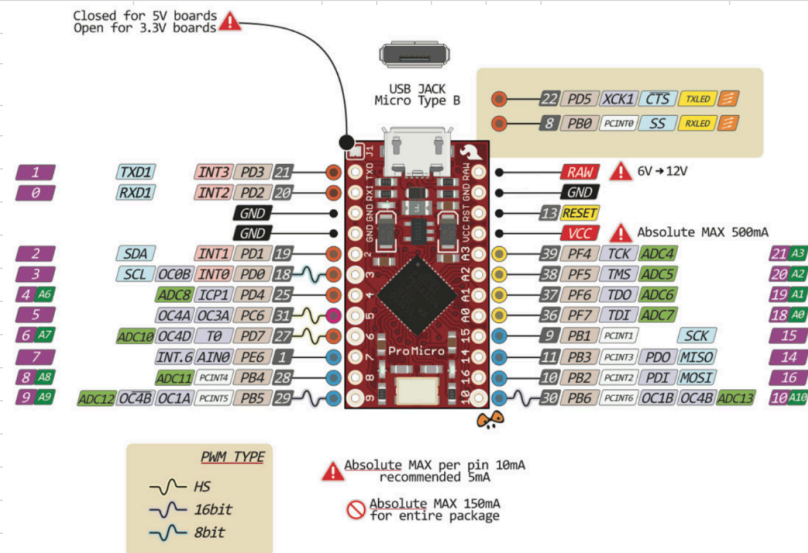
Solder side (Bottom)		Parts side (Top)	
GND		A	1
		B	2
+5V	→	C	3
		D	4
NC		E	5
+12V	→	F	6
Key		H	7
NC		J	8
NC		K	9
Spkr (-)	←	L	10
TEST2 BTN	→	M	11
Video green	←	N	12
Video sync	←	P	13
SERVICE BTN	→	R	14
TILT	→	S	15
P2 Coin switch #2	→	T	16
P2 Start	→	U	17
P2 Up	→	V	18
P2 Down	→	W	19
P2 Left	→	X	20
P2 Right	→	Y	21
P2 BTN1	→	Z	22
P2 BTN2	→	a	23
P2 BTN3	→	b	24
P2 BTN4	→	c	25
P2 BTN5	→	d	26
		e	27
GND		f	28

KICK HARNESS CPS2

GND		1	2		GND
NC		3	4		NC
+12V	←	5	6	→	+12V
NC		7	8		NC
P2 BTN8	→	9	10		NC
NC		11	12		NC
NC		13	14		NC
P1 BTN8	→	15	16		NC
P1 BTN7	→	17	18		NC
P1 BTN6	→	19	20		NC
P2 BTN6	→	21	22		NC
P2 BTN7	→	23	24		NC
NC		25	26		NC
NC		27	28		NC
NC		29	30		NC
NC		31	32		NC
GND		33	34		GND

Pins mapping pro micro

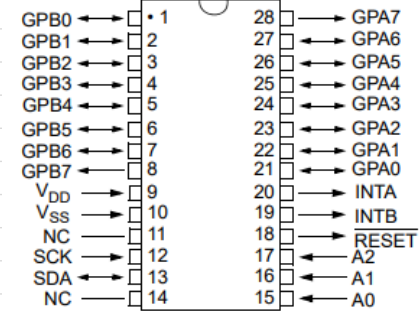
NC	Tx	1	Raw	+5v
NC	Rx	0	GND	
		GND	RST	
		GND	VCC	VCC
SDA MCP	SDA	2	21	A3 JOY2Y (analog)
SCL MCP	SCL	3	20	A2 JOY2X (analog)
NC		4	19	A1 JOY1Y (analog)
OUT1(PWM)	~D5	5	18	A0 JOY1X (analog)
OUT2(PWM)	~D6	6	15	SCLK TILT
INTA/INTB MCP	INT6	7	14	MISO TEST2 BTN
SERVICE BTN	A8	8	16	MOSI TEST BTN
OUT3(PWM)	~D9	9	10	~D10 OUT4(PWM)



Pins mapping MCP1

P1 BTN8	B0	1	28	A7	OUT5
P1 Up	B1	2	27	A6	P1 BTN7
P1 Down	B2	3	26	A5	P1 BTN6
P1 Left	B3	4	25	A4	P1 BTN5
P1 Right	B4	5	24	A3	P1 BTN4
P1 Coin switch #1	B5	6	23	A2	P1 BTN3
P1 Start	B6	7	22	A1	P1 BTN2
OUT6	B7	8	21	A0	P1 BTN1
+5V	+5v	9	20	INTA	
GND	GND	10	19	INTB	
NC		11	18	+5V	+5V
SCL MCP	SCK	12	17	GND	GND
SDA MCP	SDA	13	16	GND	GND
NC		14	15	GND	GND

MCP23017



Pins mapping MCP2

P2 BTN8	B0	1	28	A7	OUT7
P2 Up	B1	2	27	A6	P2 BTN7
P2 Down	B2	3	26	A5	P2 BTN6
P2 Left	B3	4	25	A4	P2 BTN5
P2 Right	B4	5	24	A3	P2 BTN4
P2 Coin switch #1	B5	6	23	A2	P2 BTN3
P2 Start	B6	7	22	A1	P2 BTN2
OUT8	B7	8	21	A0	P2 BTN1
+5V	+5v	9	20	INTA	
GND	GND	10	19	INTB	
NC		11	18	+5V	+5V
SCL MCP	SCK	12	17	GND	GND
SDA MCP	SDA	13	16	GND	GND
NC		14	15	+5V	GND