

non-expanded buttons function	MCP function (does the expanding)	expanded button function	RP function	Pin#	Pin#	RP function	expanded button function	MCP function (does the expanding)	non-expanded buttons function
	Vdd / RESET		3.3V	1	2	5V			
	SDA		GPIO2 / I2C	3	4	5V			
	SCL		GPIO3 / I2C	5	6	GND			
			GPIO4	7	8	GPIO14 (UART)			
JOY COM			GND	9	10	GPIO15 (UART)			
JOY DOWN		KEY_1 = START 1P	GPIO17	11	12	GPIO18			
		KEY_2 = START 2P	GPIO27	13	14	GND			FIRE COM
		KEY_6 = COIN 2	GPIO22	15	16	GPIO23		INTA	FIRE SW
			3.3V	17	18	GPIO24		INTB	
JOY UP		KEY_P = PAUSE	GPIO10 (SPI)	19	20	GND			
JOY RIGHT			GPIO9 (SPI)	21	22	GPIO25			JOY LEFT
			GPIO11 (SPI)	23	24	GPIO8 (SPI)	KEY_ESC = QUIT		
BOMB COM	Vss / GND		GND	25	26	GPIO7 (SPI)	KEY_5 = COIN 1		BOMB SW