ESP32 Saola Pin Mapping to Benchduino

		<--Saola--->				<-------------BD------------>		
Pin#	GPIO#	Analog	Analog Ch	Spc Analog	Special	*Analog*	*Digital*	*SPC*
1	**3.3v**							
2	**GPIO00**							
3	**GPIO01**	0	ADC1_CH0	Touch1		*0*		
4	**GPIO02**	1	ADC1_CH1	Touch2		*1*	2	
5	**GPIO03**	2	ADC1_CH2	Touch3		*2*	3	
6	**GPIO04**	3	ADC1_CH3	Touch4		*3*	4	
7	**GPIO05**	4	ADC1_CH4	Touch5		*4*	5	
8	**GPIO06**	5	ADC1_CH5	Touch6		*5*	6	
9	**GPIO07**	6	ADC1_CH6	Touch7		*6*	7	
10	**GPIO08**	7	ADC1_CH7	Touch8		*7*	8	
11	**GPIO09**	8	ADC1_CH8	Touch9		*8*	9	
12	**GPIO10**	9	ADC1_CH9	Touch10		*9*	10	
13	**GPIO11**	10	ADC2_CH0	Touch11		*10*	11	*CS*
14	**GPIO12**	11	ADC2_CH1	Touch12		*11*	12	*MOSI*
15	**GPIO13**	12	ADC2_CH2	Touch13			13	*CLK*
16	**GPIO14**	13	ADC2_CH3	Touch14			24	*MISO*
17	**GPIO15**	14	ADC2_CH4	XTAL_32k_P	U0RTS		25	
18	**GPIO16**	15	ADC2_CH5	XTAL_32k_N	U0CTS		26	
19	**GPIO17**	16	ADC2_CH6	DAC1	U1TXD		27	*TX1*
20	**5.0Vin**							
21	**Gnd**							
22	**GPIO18**	17	ADC2_CH7	DAC2	U1RXD		28	*RX1*
23	**GPIO19**	18	ADC2_CH8	USB_D-	U1RTS		29	
24	**GPIO20**	19	ADC2_CH9	USB_D+	U1CTS		30	
25	**GPIO21**						31	
26	**GPIO26**						32	
27	**GPIO33**						33	
28	**GPIO34**						34	
29	**GPIO35**						35	
30	**GPIO36**						36	
31	**GPIO37**						37	
32	**GPIO38**						38	
33	**GPIO39**						22	*SDA*
34	**GPIO40**						23	*SCL*
35	**GPIO41**							
36	**GPIO42**							
37	**GPIO43**				U0TX0			*TX*
38	**GPIO44**				U0RX0			*RX*
39	**GPIO45**							
40	**GPIO46**							
41	**Reset**							
42	**Gnd**							