

Adafruit Huzzah Feather ESP32 Board Pinouts

-Doug Elliott VA3DAE, version 8

Other Functions	Analog input/ADC	GPIO Pin	Physical Pin	Board Labels		Physical Pin	GPIO Pin	Analog input/ADC	Other Functions
3.3V			1	RST					
			2	3V					
			3	NC					
Ground			4	GND					
DAC2	0/2	26	5	A0	BAT	28			
DAC1	1/2	25	6	A1	EN	27			
	2/1	34	7	A2	USB	26			
	3/1	39	8	A3	13	25	<u>13</u>	12/1	+5V red led boot
	4/1	36	9	A4	12	24	<u>12</u>	11/2	
I2C-2	5/2	<u>4</u>	10	A5	27	23	<u>27</u>	10/2	
I2C-2 SPI		5	11	SCK	22	22	<u>33</u>	9/1	
SPI		18	12	MO	15	21	<u>15</u>	8/2	
SPI		19	13	MI	32	20	<u>32</u>	7/1	
Serial1		16	14	RX	14	19	<u>14</u>	6/2	
Serial1		17	15	TX	SCL	18	22		I2C-1
		21	16	21	SDA	17	23		I2C-1

Blue bold GPIO numbers are input only

Red underlined GPIO numbers can be touch capacitive sensors

Green analog Input/ADC pins are on ADC2 and don't work with WiFi enabled

GPIO's where internal pullups don't work due to silicon bug: 13, 25, 26, 27, 32, 33

GPIO's with working controllable internal pullups: 14, 16, 17, 18, 19, 21, 22, 23

GPIO's that power up with weak pullUP enabled: 0, 1, 3, 5, 6, 7, 8, 9, 10, 11, 15

GPIO's that power up with weak pullDOWN enabled: 2, 4, 12