



### ESP32-S3-WROOM-1

GPIO15	8	GPIO15/U0RTS/ADC2_CH4/XTAL_32K_P	GPIO20/U1CTS/ADC2_CH9/CLK_OUT1/USB_D+	37	UART0_TX
GPIO16	9	GPIO16/U0CTS/ADC2_CH5/XTAL_32K_N	GPIO19/U1RTS/ADC2_CH8/CLK_OUT2/USB_D-	36	UART0_RX
GPIO39	32	MTCK/GPIO39/CLK_OUT3/SUBSPICS1		27	STRAP0
GPIO40	33	MTDQ/GPIO40/CLK_OUT2	GPIO0/BOOT	39	GPIO1/ADC1_0
GPIO41	34	MTDI/GPIO41/CLK_OUT1	GPIO1/TOUCH1/ADC1_CH0	38	GPIO2/ADC1_1
GPIO42	35	MTMS/GPIO42	GPIO2/TOUCH2/ADC1_CH1	15	STRAP3
			GPIO3/TOUCH3/ADC1_CH2	4	GPIO4
			GPIO4/TOUCH4/ADC1_CH3	5	GPIO5
			GPIO5/TOUCH5/ADC1_CH4	6	GPIO6
			GPIO6/TOUCH6/ADC1_CH5	7	GPIO7/ADC1_6
			GPIO7/TOUCH7/ADC1_CH6	12	GPIO8
			GPIO8/TOUCH8/ADC1_CH7/SUBSPICS1	17	GPIO9/ADC1_8
			GPIO9/TOUCH9/ADC1_CH8/FSPIHD/SUBSPIH0	18	GPIO10/ADC1_9
			GPIO10/TOUCH10/ADC1_CH9/FSPICS0/FSPI04/SUBSPICS0	19	GPIO11
			GPIO11/TOUCH11/ADC2_CH0/FSPI0/FSPI05/SUBSPID	20	GPIO12
			GPIO12/TOUCH12/ADC2_CH1/FSPI06/SUBSPICLK	21	GPIO13
			GPIO13/TOUCH13/ADC2_CH2/FSPI07/SUBSPIQ	22	GPIO14
			GPIO14/TOUCH14/ADC2_CH3/FSPI08/SUBSPIWP	10	UART1_TX
			GPIO17/U1TXD/ADC2_CH6	11	UART1_RX
			GPIO18/U1RXD/ADC2_CH7/CLK_OUT3	23	GPIO21
			GPIO21	31	GPIO38
			GPIO38/FSPIWP/SUBSPIWP	26	STRAP45
PSRAM_35	28	SPII06/GPIO35/FSPI0/SUBSPID	GPIO45	16	STRAP46
PSRAM_36	29	SPII07/GPIO36/FSPI06/SUBSPICLK	GPIO46	24	GPIO47
PSRAM_37	30	SPII08/GPIO37/FSPI07/SUBSPIQ	GPIO47	25	GPIO48
			GPIO48/SPI08/FSPI08/SUBSPICLK_N/DIFF		

strap0 - boot mode, must be button input  
 strap3 - jtag source, can be hi-z output  
 strap45 - spi voltage, can be hi-z output  
 strap46 - boot log, can be hi-z output

**kabot.io**  
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