

Name	No.	Type	Function	NAPaC function
GND	1	P	Ground	
3V3	2	P	Power supply	
EN	3	I	Chip enable (active low) -> RESET_n	
SENSOR_VP	4	I	GPIO36, SENSOR_VP, ADC_H, ADC1_CH0, RTC_GPIO0	
SENSOR_VN	5	I	GPIO39, SENSOR_VN, ADC1_CH3, ADC_H, RTC_GPIO3	
IO34	6	I	GPIO34, ADC1_CH6, RTC_GPIO4	DI2
IO35	7	I	GPIO35, ADC1_CH7, RTC_GPIO5	CI2
IO32	8	I/O	GPIO32, XTAL_32K_P (32.768 kHz crystal oscillator input), ADC1_CH4, TOUCH9, RTC_GPIO9	
IO33	9	I/O	GPIO33, XTAL_32K_N (32.768 kHz crystal oscillator output), ADC1_CH5, TOUCH8 , RTC_GPIO8	Touch 8
IO25	10	I/O	GPIO25, DAC_1, ADC2_CH8, RTC_GPIO6, EMAC_RXD0	
IO26	11	I/O	GPIO26, DAC_2, ADC2_CH9, RTC_GPIO7, EMAC_RXD1	
IO27	12	I/O	GPIO27, ADC2_CH7, TOUCH7 , RTC_GPIO17, EMAC_RX_DV	Touch 7
IO14	13	I/O	GPIO14, ADC2_CH6, TOUCH6 , RTC_GPIO16, MTMS, HSPICLK, HS2_CLK, SD_CLK, EMAC_TXD2	Touch 6
IO12	14	I/O	GPIO12, ADC2_CH5, TOUCH5 , RTC_GPIO15, MTDI, HSPIQ, HS2_DATA2, SD_DATA2, EMAC_TXD3	Touch 5
GND	15	P	Ground	
IO13	16	I/O	GPIO13, ADC2_CH4, TOUCH4 , RTC_GPIO14, MTCK, HSPID, HS2_DATA3, SD_DATA3, EMAC_RX_ER	Touch 4
SHD/SD2*	17	I/O	GPIO9, SD_DATA2, SPIHD, HS1_DATA2, U1RXD	
SWP/SD3*	18	I/O	GPIO10, SD_DATA3, SPIWP, HS1_DATA3, U1TXD	
SCS/CMD*	19	I/O	GPIO11, SD_CMD, SPICS0, HS1_CMD, U1RTS	
SCK/CLK*	20	I/O	GPIO6, SD_CLK, SPICLK, HS1_CLK, U1CTS	
SDO/SD0*	21	I/O	GPIO7, SD_DATA0, SPIQ, HS1_DATA0, U2RTS	
SDI/SD1*	22	I/O	GPIO8, SD_DATA1, SPID, HS1_DATA1, U2CTS	
IO15	23	I/O	GPIO15, ADC2_CH3, TOUCH3 , MTDO, HSPICS0, RTC_GPIO13, HS2_CMD, SD_CMD, EMAC_RXD3	Touch 3
IO2	24	I/O	GPIO2, ADC2_CH2, TOUCH2 , RTC_GPIO12, HSPIWP, HS2_DATA0, SD_DATA0	Touch 2
IO0	25	I/O	GPIO0, ADC2_CH1, TOUCH1, RTC_GPIO11, CLK_OUT1, EMAC_TX_CLK	
IO4	26	I/O	GPIO4, ADC2_CH0, TOUCH0 , RTC_GPIO10, HSPiHD, HS2_DATA1, SD_DATA1, EMAC_TX_ER	Touch 1
IO16	27	I/O	GPIO16, HS1_DATA4, U2RXD, EMAC_CLK_OUT	
IO17	28	I/O	GPIO17, HS1_DATA5, U2TXD, EMAC_CLK_OUT_180	
IO5	29	I/O	GPIO5, VSPICS0, HS1_DATA6, EMAC_RX_CLK	
IO18	30	I/O	GPIO18, VSPICLK, HS1_DATA7	
IO19	31	I/O	GPIO19, VSPIQ, U0CTS, EMAC_TXD0	
NC	32	-	-	
IO21	33	I/O	GPIO21, VSPIHD, EMAC_TX_EN	Piezo
RXD0	34	I/O	GPIO3, U0RXD, CLK_OUT2	
TXD0	35	I/O	GPIO1, U0TXD, CLK_OUT3, EMAC_RXD2	
IO22	36	I/O	GPIO22, VSPiWP, U0RTS, EMAC_TXD1	DI1
IO23	37	I/O	GPIO23, VSPID, HS1_STROBE	CI1
GND	38	P	Ground	
Color code	Signification	I/O		
	By default	-		
	8 Touch sensor	I		
	9 LEDs	O		
	Piezo	O		
	Flash program	I		
	Reset button	I		