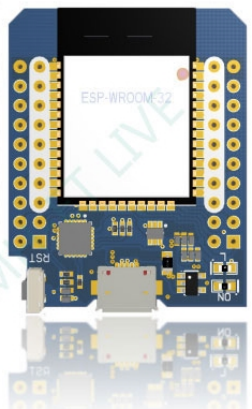
							chipPU		RST/EN			
				adcPA	RTCIO0	adc1_0	SENSvp	GPIO36	SVP			
				DAC_2	RTCIO7	adc2_9	emacRXD1	GPIO26	IO26			
				spi_SCK	HSI_data7	VSPI_CLK		GPIO18	IO18			
				spi_MISO	VSPIQ	u0CTS	emacTXD0	GPIO19	IO19			
				spi_MOSI	HSI_strobe	VSPI_ID		GPIO23	IO23			
				spi_SS	HSI_data6	VSPI_CS0	emacRXCLK	GPIO5	IO5			
									3V3			
HS2data3	SDdata3	hspiID	MTCK	Touch4	RTCIO14	adc2_4	emacRXER	GPIO13	TCK			
			FLASH D3	SDdata3	HS1data3	u1TXD	spiWP	GPIO10	SD3			

TXD	GPIO1	emacRXD2	u0TXD	CLKout3	PROGRAM Port				
RXD	GPIO3		u0RXD	CLKout2					
IO22	GPIO22	emacTXD1	u0RTS	vspiWP	Wire SCL				
IO21	GPIO21	emacTXEN		vspiHD	Wire SDA				
IO17	GPIO17	emacC0180	u2TXD	HS1data5					
IO16	GPIO16	emacCLKOUT	u2RXD	HS1data4					
GND									
VCC									
TDO	GPIO15	emacRXD3	adc2_3	RTCIO13	Touch3	MTDO	hspiCS0	SDcmd	HS2cmd
SD0	GPIO7	SPIQ	u2RTS	HS1data0	SDdata0	FLASH D0			

									GND			
									NC			
				adcPA	RTCIO3	adc1_3	SENSvn	GPIO39	SVN			
					RTCIO5	adc1_7	VDET2	GPIO35	IO35			
			XTAL32	Touch8	RTCIO8	adc1_5		GPIO33	IO33			
					RTCIO4	adc1_6	VDET1	GPIO34	IO34			
HS2clk	SDclk	hspiCLK	MTMS	Touch6	RTCIO16	adc2_6	emacTXD2	GPIO14	TMS			
									NC			
			FLASH D2	SDdata2	HS1data2	u1RXD	spiHD	GPIO9	SD2			
					SDcmd	HS1cmd	u1RTS	GPIO11	CMD			

GND									
IO27	GPIO17	emacRXD2	adc2_7	RTCIO17	Touch7				
IO25	GPIO25	emacRXD0	adc2_8	RTCIO6	DAC_1				
IO32	GPIO32		adc1_4	RTCIO9	Touch9	XTAL32			
TDI	GPIO12	emacTXD3	adc2_5	RTCIO15	Touch5	MTDI	hspiIQ	SDdata2	HS2data2
IO4	GPIO4	emacTXDR	adc2_0	RTCIO10	Touch0				
IO0	GPIO0	emacTXCLK	adc2_1	RTCIO11	Touch1	CLKout1			
IO2	GPIO2	hspiWP	adc2_2	RTCIO12	Touch2				
SD1	GPIO8	SPID	u2CTS	HS1data1	SDdata1	FLASH D1			
CLK	GPIO6	spiCLK	u1CTS	HS1clk	SDclk	FLASH SCK			

GND	RST
NC	SVP
SVN	IO26
IO35	IO18
IO33	IO19
IO34	IO23
TMS	IO5
NC	3V3
SD2	TCK
CMD	SD3



TXD	GND
RXD	IO27
IO22	IO25
IO21	IO32
IO17	TDI
IO16	IO4
GND	IO0
VCC	IO2
TD0	SD1
SD0	CLK