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# ESP32 DEVKIT V1 PINOUT

Chip-enable signal, Active High.	EN	pin15							
ADC PA	RTC_GPIO0	ADC1_CH0	SENSOR_VP	GPI036	pin14				
ADC PA	RTC_GPIO3	ADC1_CH3	SENSOR_VN	GPI039	pin13				
	RTC_GPIO4	ADC1_CH6	VDET1	GPI034	pin12				
	RTC_GPIO5	ADC1_CH7	VDET2	GPI035	pin11				
XTAL_32kHz	Touch9	RTC_GPIO9	ADC1_CH4	GPI032	pin10				
XTAL_32kHz	Touch8	RTC_GPIO8	ADC1_CH5	GPI033	pin9				
DAC_1	RTC_GPIO6	ADC2_CH8	EMAC_RXD0	GPI025	pin8				
DAC_2	RTC_GPIO7	ADC2_CH9	EMAC_RXD1	GPI026	pin7				
Touch7	RTC_GPIO17	ADC2_CH7	EMAC_RX_DV	GPI027	pin6				
HS2_CLK	SD_CLK	HSPI_CLK	MTMS	Touch6	RTC_GPIO16	ADC2_CH6	EMAC_TXD2	GPI014	pin5
HS2_DATA2	SD_DATA2	HSPI_MISO	MTDI	Touch5	RTC_GPIO15	ADC2_CH5	EMAC_TXD3	GPI012	pin4
HS2_DATA3	SD_DATA3	HSPI_MOSI	MTCK	Touch4	RTC_GPIO14	ADC2_CH4	EMAC_RX_ER	GPI013	pin3
								GND	pin2
								VIN	pin1



pin15	GPI023	SPI_MOSI	HS1_STROBE						
pin14	GPI022	EMAC_TXD1	U0RTS	I2C_SCL					
pin13	GPI01	EMAC_RXD2	U0TXD	CLK_OUT3					
pin12	GPI03	U0RXD	CLK_OUT2						
pin11	GPI021	EMAC_TX_EN	I2C_SDA						
pin10	GPI019	EMAC_TXD0	U0CTS	SPI_MISO					
pin9	GPI018	SPI_CLK	HS1_DATA7						
pin8	GPI05	EMAC_RX_CLK	SPI_CS0	HS1_DATA6					
pin7	GPI017	EMAC_CLKOUT180	U2_TXD	HS1_DATA5					
pin6	GPI016	EMAC_CLKOUT	U2_RXD	HS1_DATA4					
pin5	GPI04	EMAC_TX_ER	ADC2_CH0	RTCI010	Touch0	HSPIHD	SD_DATA1	HS2_DATA1	
pin4	GPI02	ADC2_CH2	RTCI012	Touch2	HSPIWP				
pin3	GPI015	EMAC_RXD3	ADC2_CH3	RTCI013	Touch3	MTD0	HSPI_CS0	SD_CMD	HS2_CMD
pin2	GND								
pin1	VDD 3V3								

POWER
GND
Serial Pin
Analog Pin
Control
Physical Pin
Port Pin
Touch Pin
DAC Pin