AZ-Delivery
Ihr Experte für Mikroelektronik!

Left side (top to bottom):

			Pin	
			+3.3V	3V3
			RESET	EN
RTC-0	ADC1-0	GPIO36		VP
RTC-3	ADC1-3	GPIO39		VN
RTC-4	ADC1-6	GPIO34		34
RTC-5	ADC1-7	GPIO35		35
RTC-9	Touch 9	ADC1-4	GPIO32	32
RTC-8	Touch 8	ADC1-5	GPIO33	33
RTC-6	DAC 1	ADC2-8	GPIO25	25
RTC-7	DAC 2	ADC2-9	GPIO26	26
RTC-17	Touch 7	ADC2-7	GPIO27	27
HSPICL	SD CLK	RTC-16	Touch 6	ADC2-6	GPIO14	14
HSPIQ	SD D2	RTC-15	Touch 5	ADC2-5	GPIO12	12
			GND	GND
HSPID	SD D3	RTC-14	ADC2-4	GPIO13	13
SPI D2	GPIO9	D2
SPI D3	GPIO10	D3
SPI CMD	GPIO11	CMD
+5V	5V

EN, Boot buttons. CLK, D0, D1 labels.

Right side (top to bottom):

Pin			
GND			GND
23	GPIO23	MOSI
22	GPIO22	I2C1 CL
TX	GPIO1	U0 TX
RX	GPIO3	U0 RX
21	GPIO21	I2C1 DA
GND			GND
19	GPIO19	MISO
18	GPIO18	CLK
5	GPIO5	SS
17	GPIO17	U2 TX
16	GPIO16	U2 RX
4	GPIO4	ADC2-0	Touch 0	RTC-10	SD D1
0	GPIO0	ADC2-1	Touch 1	RTC-11
2	GPIO2	ADC2-2	Touch 2	RTC-12	SD D1
15	GPIO15	ADC2-3	Touch 3	RTC-13	SD CMD
D1	GPIO8	SPI D1
D0	GPIO7	SPI D0
GPIO6	SPI CLK

Legend

- Digital In/Out ports (all support PWM)
- Digital Input ports
- Analog Input 12 bits, 0 to 3.3V
- Analog Output 8 bits, 0 - 3.3V
- Capacitive Touch Sensor ports
- I/O -pins from RTC ultra low power processor, usable in deep sleep mode
- SD card interface
- SPI bus for Flash-memory, do not use

The following pins show the default assignment. All these signals can be changed to any In/Out port. This applies also to UART0 and UART1, which cannot be accessed in the default assignment.

- I2C bus (Wire)
- VSPI bus
- Serial interfaces
- HSPI bus