

Electrical parameters

Working environment

Name	Parameter					
		0	--	+70		--
		5	--	95	RH	
		-40	--	+85		--
		5	--	95	RH	

GPIO DC Characteristics

Item	Label	Parameter				Description
		Min	Typical	Max	Unit	
Input High Voltage	VIH	2.3	--	3.3	V	--
Input Low Voltage	VIL	0	--	0.69	V	--
Output high Voltage	VOH	3.15	---	--	V	--
Output Low Voltage	VOL	--	--	0.15	V	--

Power Supply Characteristics

Item	Label	Parameter				Description
5V	+5V	4.8	5	5.25	V	
5V	IV5.0	---	0.15	---	A	
RTC	VDD_RTC	2.4	---	3.6	V	RTC
RTC	IRTC	---	---	44	uA	RTC
3V3	V3.3_OUT	---	3.3V	---	V	
3V3	I3.3_OUT	---	---	0.1	A	