ESP-12F

ESP-12F					
201 121	Boot Mode	GPIO 0 G	JPIO 2	GPIO 15	ESP-12F pin numbers
	UART (Flashing)	low I	high	low	ESP-12F pin names
	Flash Boot (Run program)	i) high I	high	low	Arduino Pins
Operating Voltage 2.5V-3.6V					ESP8266EX Pin name & function 1
IO MAX output current is 12mA					ESP8266EX IO
Power consumption 20µA to 170mA depending status (deep-sleep to emitti	ing)				ESP8266EX General SPI *
Power off 0.5µA RTC clock is still running in deep-sleep mode					ESP8266EX HSPI
AMB of SPI flash					ESP8266EX I2C software ** assignment pins only
					ESP8266EX 128
					ESP8266EX UARTO 74880bds default
					ESP8266EX UART1
					ESP8266EX PWM
					ESP8266EX IR
					ESP8266EX Power functions
					Arduino I20 *** I2C is software, any pin can be selected
		_			Arduino SPI
					Arduino Sri
			Ler	d between	VCC and GPIO2
	_				
EST_RSTB RST				TXD D1~	
TOUT				RXD D3~	
CHIP_PU EN	3 - 1 1 1 1 1			PI05 D5~	
DEEPSLEEP EXT_WAKEUP XPD_DCDC TO16 D16~ GPI016				PI04 D4~	
SCK IR TW PWM2 I2C SCL I2SI WS HSPICLK MTMS I014 D14- GPI014				PIO0 D0~	
MISO EWMO UOCTS I2SI DATA HSPIQ/MISO MIDI 1012 D12- GPIO12				PI02 D2~	
MOSI T2SI_BCK HSPID/MOSI MTCK T013 D13- GPI013	(eac/ e m			PIO15 D15~	IO15 MTDO HSPICS I280 BCK UORTS PHM1 Boot Mode CS
VCC	8		15	GND	
	9 10 11 12 1				
SDIO CMD TOLL CSO	أ أ أ أ أ أنَّا أنَّا الساء	" —		BCLK	TOE SDIO CLK SPICLE
SPIO/MISO SDIO DATA 0 TO7 MISO	:		_	MOSI	108 SDIO DATA 1 SPID/MOST UIRXD
SPIED SDIO DATA 2 109 109	.'L			1010	TOID SDIO DATA 3 SDIWP
SAIND PRIVATE TO SELECTION OF THE PRIVATE PRIV	,			316	EDIO DATA 3 SDIWE
BFB consulting	* SPI interface overlap mode can				rogram memory I and HSPI on same IO lines
	read chapter 5 i				

