



ESP8266 PIN DETAIL

GPIO ADDRESS	NODEMCU PIN MARKING	USABLE PIN	BOOT FAIL IF HIGH ON BOOTUP	BOOT FAIL IF LOW ON BOOTUP	PIN STATUS ON BOOTUP	POSSIBLE PRIMARY FUNCTION OF PIN	POSSIBLE SECONDARY FUNCTION
0	D3	YES	YES	NO	LOW	GENERAL PURPOSE IO	
1	TX	YES	YES	NO	HIGH	TX	
2	D4	YES	YES	NO	HIGH	GENERAL PURPOSE IO	
3	RX	YES	NO	NO	LOW	RX	
4	D2	YES	NO	NO	LOW	GENERAL PURPOSE IO	
5	D1	YES	NO	NO	LOW	GENERAL PURPOSE IO	
6	SCLK	NO	NO	NO	LOW	THIS PINS ARE CONNECTED WITH FLASH MEMORY CHIP SO CANT BE USED.	
7	SD0	NO	NO	NO	LOW		
8	SD1	NO	NO	NO	LOW		
9	SD2	NO	NO	NO	HIGH		
10	SD3	NO	NO	NO	HIGH		
11	???	NO	NO	NO	LOW		
12	D6	YES	NO	NO	LOW	GENERAL PURPOSE IO	HSPIQ(MISO)
13	D7	YES	NO	NO	LOW	GENERAL PURPOSE IO	HSPID(MOSI)
14	D5	YES	NO	NO	LOW	GENERAL PURPOSE IO	HSClk
15	D8	YES	NO	YES	HIGH	GENERAL PURPOSE IO	HSPICS
16	D0	YES	NO	NO	HIGH	GENERAL PURPOSE IO	EXT_WAKEUP