

## BLACK STM32F4VET6 BOARD LEFT SIDE PINOUTS

1 110013												
Primary	Alternates			•	AL IA	0	Pl 🔵 🔵 🔵	•••	• • • •		SD	
Port 5V tolerant	Not 5v tolerant			0	VEV.	a 11		• • •	• • • •		CARD	
Dig/PWM	Dig/PWM				USB	Ľ				يك		
Special	Special					JF	2	JЬ	0.00		لأثن أوثان	
Analog			5V		5v	0 0	7			_		
Serial			5V		5v				a	(5)		
SPI	SPI (I2S)		3.3v		3.3v				GND RX1	5		
I2C	I2C		3.3v		3.3v							
GND	PWR		GND		GND				ISP			
		0	PE2	•	PE3	1						
		2	PE4		PE5	3		U2				
		4	PE6	•	PC13	5						
		6	PC0		PC1	7		A11	b.			
MISO2		8	PC 2	•	PC3	9		A13	MOSI2			
			VREF-	•	VREF+			VREF+	N/In			
TX4		10	PA0	•	PA1	11		A1	RX4			
TX2		12	PA2	•	PA3	13		A3	RX2			
NS	SS1	14	PA4	•	PA5	15		A5, O2	SCK1			
MIS	601 LED1	16	PA6		PA7	17	LED2	A7	MOSI1			
'		18	PC4		PC5	19		A15		•		
	F_CS	20	PB0		PB1	21		A9				
		22	PE7		PE8	23	,					
		24	PE9		PE10	25			BŢ		-	
		26	PE11		PE12	27						
		28	PE13		PE14	29						
		30	PE15		PB10	31		TX3	SCK2	SCL2		
SD	RX3	32	PB11		PB12	33		CK3	NSS2	SMBA2	2	
	CTS3	34	PB13		PB14	35	CS_FLASH	RTS3	MISO2			
					1. T28 % EQ							
LED2					RST K_L	JP					Jl.	
				)]	$\bigcirc$ 1 ( $\bigcirc$	)j		TF	T		] [	
						- 1 0		00-			<b>0 0 1</b> .	

SYS-WKUP

RST