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## STM32 CORTEX-M4 STM32F407VET6 DEVELOPMENT BOARD

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Offline

**Availability :** In stock  
**Warranty :** None  
**Model :** RKI-2879

**₹2,124 (Incl. GST)**

**₹1800 Excluding 18% GST****GST Input Tax Credit of ₹324 Available. (Know More)**

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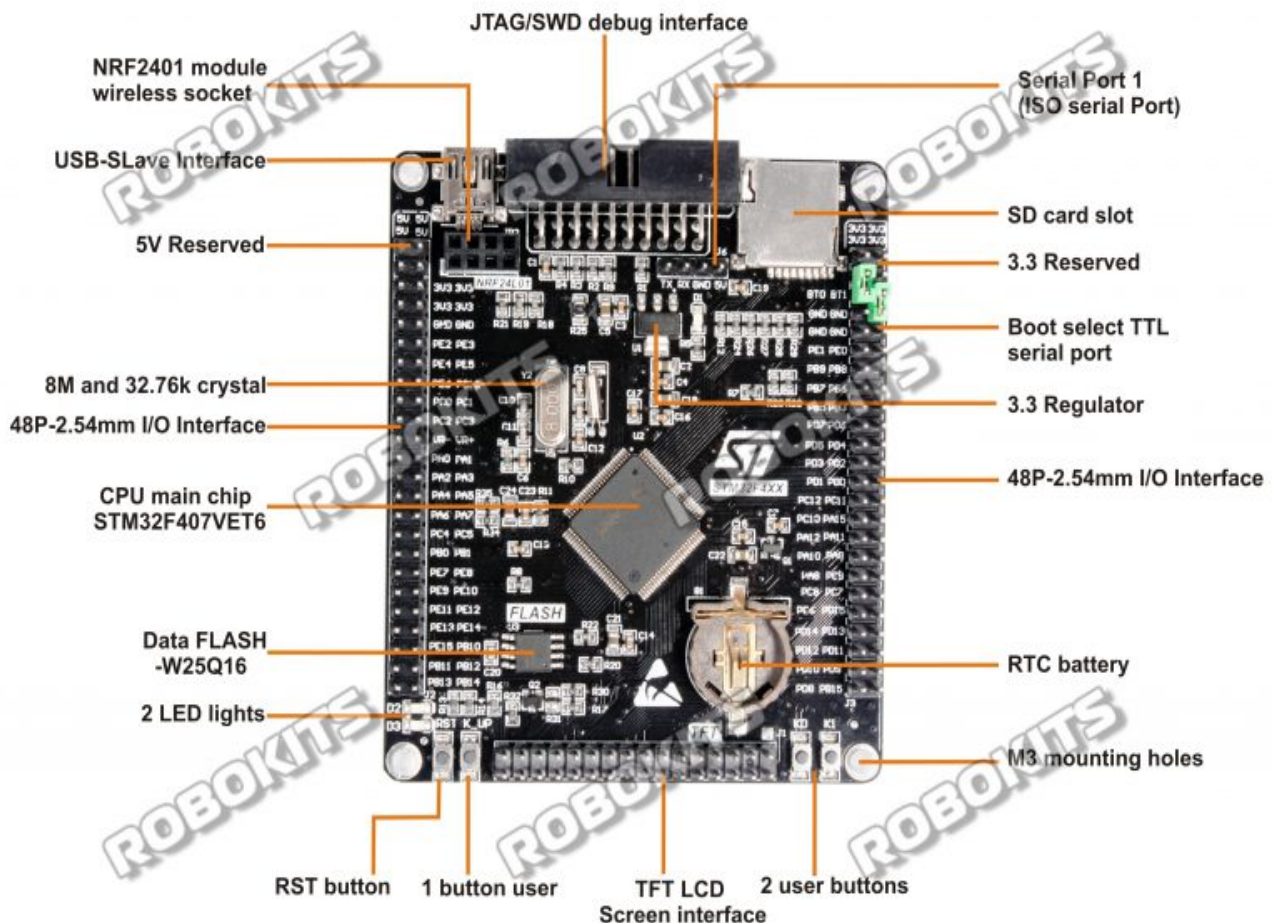
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DESCRIPTION

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REVIEWS

It is a small STM32 Arduino compatible development board that features an STM32F407VET6 device as the microcontroller, supports further expansion. It is ideal for starting application development with STM32F family

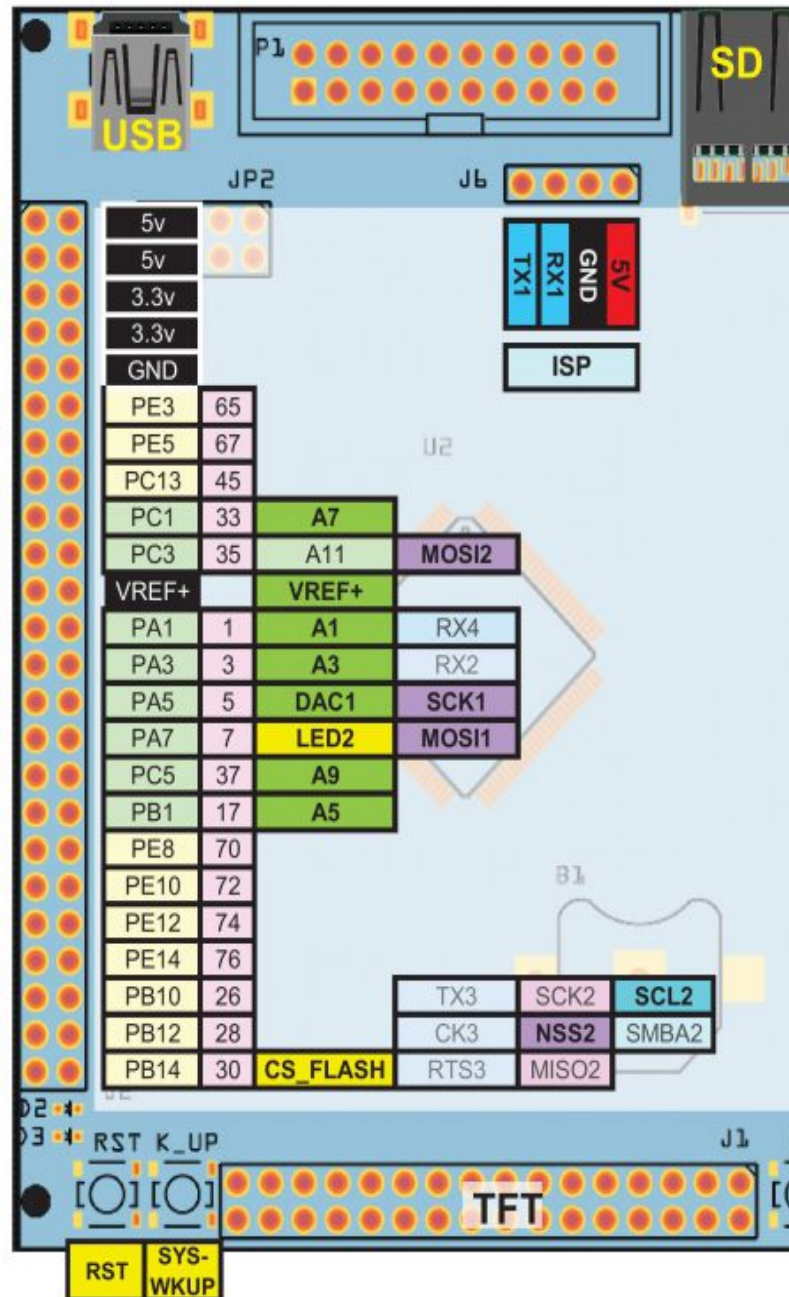




Primary	Alternates
Port	Not
5V tolerant	5v tolerant
Dig/PWM	Dig/PWM
Special	Special
Analog	Analog
Serial	Serial
SPI	SPI (I2S)
I2C	I2C
GND	PWR

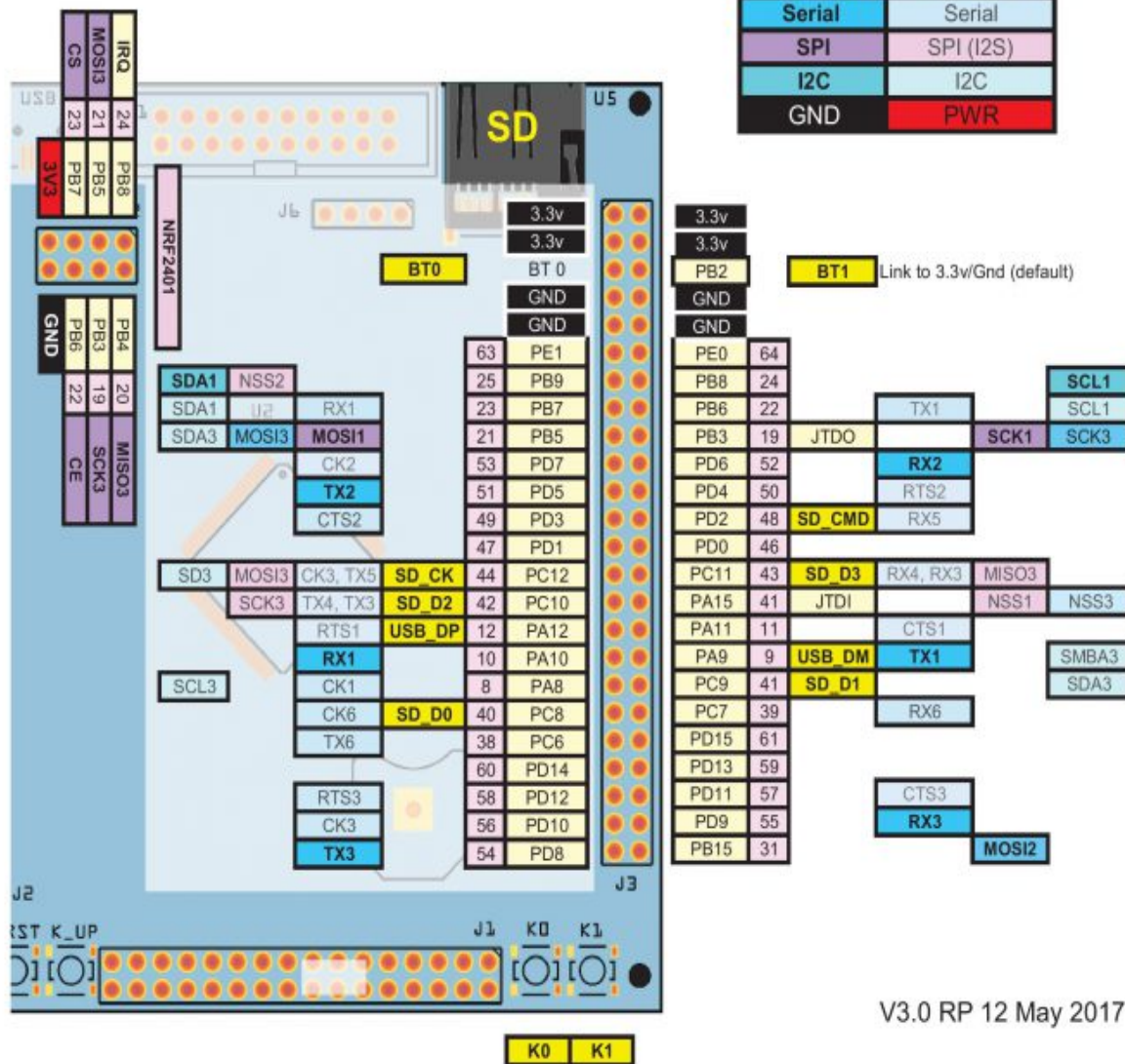
## BLACK STM32F4VET6 BOARD PINOUTS LEFT SIDE PA0 = Pin0

			5V
			5V
			3.3v
			3.3v
			GND
		64	PE2
		66	PE4
		68	PE6
	A6	32	PC0
MISO2	A10	34	PC 2
	VREF-		VREF-
TX4	A0	0	PA0
TX2	A2	2	PA2
NSS1	DAC0	4	PA4
MISO1	LED1	6	PA6
	A8	36	PC4
F_CS	A4	16	PB0
		69	PE7
		71	PE9
		73	PE11
		75	PE13
		77	PE15
SDA2	RX3	27	PB11
SCK2	CTS3	29	PB13
			LED1
			LED2



V3.0 RP 12 May 2017



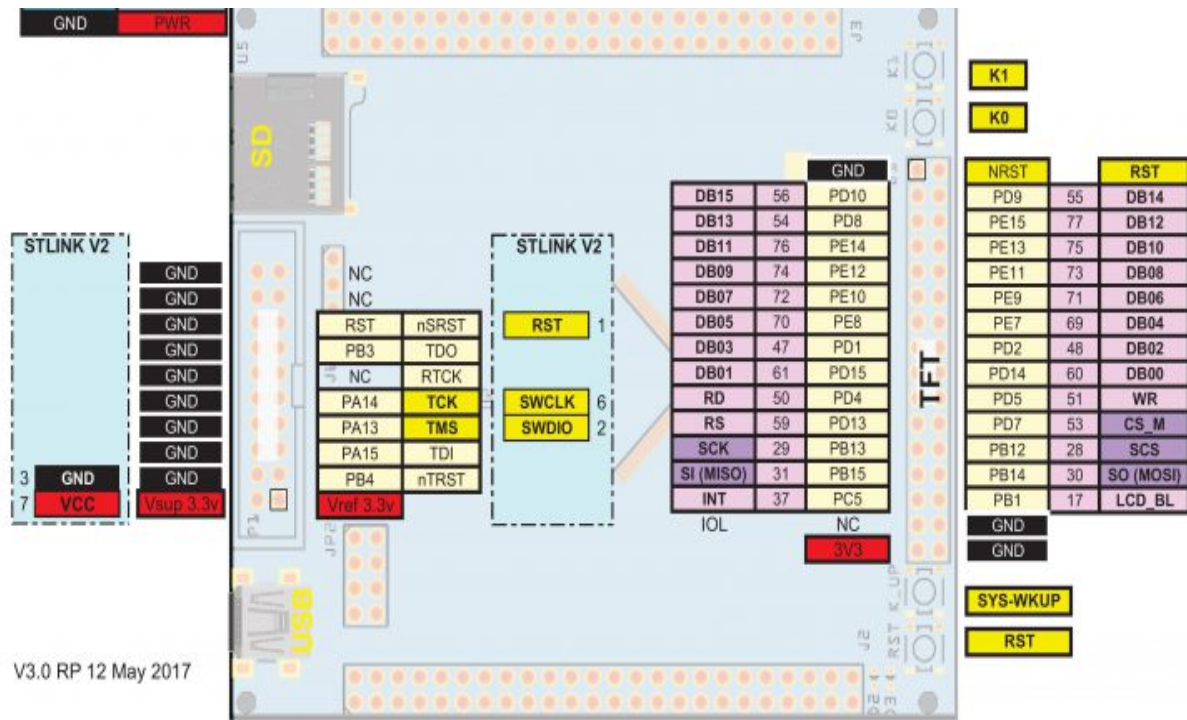


V3.0 RP 12 May 2017

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**BLACK STM32F4VET6**  
BOARD PINOUTS  
**JTAG and TFT**  
PA0 = Pin0





### Features:

- Onboard: SD card slot
- RTC Battery: CR1220
- Wireless Communication: NRF2401 Interface
- Data storage: W25Q16
- Support FMSC LCD Interface
- Multi-user keys
- All the CPU-10 lead
- Arduino compatible
- 2.54mm integer multiples spacing pin

### STM32F407VET6: the high performance STM32 MCU features:

- Core: Cortex-M4 32-bit RISC
- Feature a full set of single-cycle DSP instructions
- Operating Frequency: 168MHz, 210 DMIPS/1.25 DMIPS/MHz
- Operating Voltage: 1.8V-3.6V
- Package: LQFP100 Storage Resources: 512kB Flash, 192+4kB SRAM
- Resource: 3 x SPI, 3 x USART, 2 x UART, 2 x I2S, 3 x I2C; 1 x FSMC, 1 x SDIO, 2 x CAN; 1 x USB 2.0
- FS/HS Controller(with DMA); 1 x USB HS ULPI; (used for external USB HS PHY) 1 x 10/100 Ethernet
- MAC; 1 x 8 to 12-bit parallel camera interface; 3 x AD(12 bit, 1us), 2 x DA(12 bit)

Disclaimer : Actual product may vary from the product photograph displayed above. Photograph just for reference.

Product 1/2

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