STM32 DEV BOARD PINOUT

PIN	ALTERNATE FUNCTION	PIN	ALTERNATE FUNCTION
PTA0	ADC	PTB0	ADC PWM
PTA1	ADC	PTB1	ADC PWM
PTA2	ADC PWM	PTB4	PWM
PTA3	ADC PWM	PTB5	PWM
PTA4	CS — ADC PWM	PTB8	PWM
PTA5	SCLK — ADC	PTB9	PWM
PTA6	MISO — ADC PWM	PTB12	CS
PTA7	MOSI — ADC PWM	PTB13	SCLK
PTA8	PWM	PTB14	MISO
PTA9	PWM	PTB15	MOSI
PTA10	PWM		
PTA11	PWM		
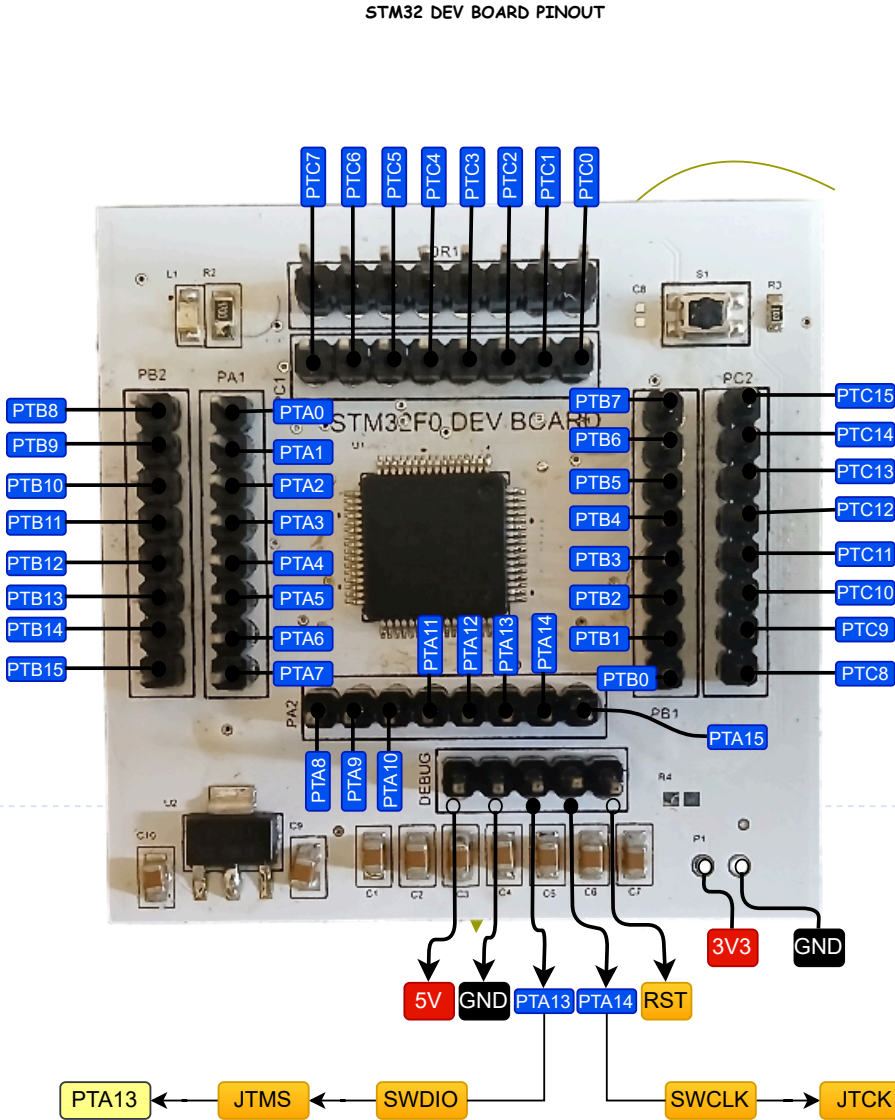
PIN	ALTERNATE FUNCTION	PIN	ALTERNATE FUNCTION
PTC0	ADC PWM		
PTC1	ADC		
PTC2	ADC		
PTC3	ADC		
PTC4	ADC		
PTC5	ADC		
PTC6	PWM		
PTC7	PWM		
PTC8	PWM		
PTC9	PWM		
PTD2	ON_BOARD_LED		

Board edge labels:
PTC7 PTC6 PTC5 PTC4 PTC3 PTC2 PTC1 PTC0

Left side: PTB8, PTB9, PTB10, PTB11, PTB12, PTB13, PTB14, PTB15
Inner left: PTA0, PTA1, PTA2, PTA3, PTA4, PTA5, PTA6, PTA7
Bottom: PTA8, PTA9, PTA10, PTA11, PTA12, PTA13, PTA14, PTA15
Inner right: PTB7, PTB6, PTB5, PTB4, PTB3, PTB2, PTB1, PTB0
Right side: PTC15, PTC14, PTC13, PTC12, PTC11, PTC10, PTC9, PTC8

STM32F0 DEV BOARD

3V3   GND
5V   GND   PTA13   PTA14   RST

PTA13 ← JTMS ← SWDIO
SWCLK → JTCK → PTA14

Interrupt priority (P):

Highest ————— Decreasing Order of Priority ————— Lowest

PTA0, PTB0, PTC0, PTA1, PTB1, PTC1, PTA2, PTB2, PTC2, PTA3, PTB3, PTC3, PTA4, PTB4, PTC4, PTA5, PTB5, PTC5, PTA6, PTB6, PTC6, PTF6, PTA7, PTB7, PTC7, PTF7, PTA8, PTB8, PTC8, PTA9, PTB9, PTC9, PTA10, PTB10, PTC10, PTA11, PTB11, PTC11, PTA12, PTB12, PTC12, PTA13, PTB13, PTC13, PTA14, PTB14, PTC14, PTA15, PTB15, PTC15

InterruptIn : External Interrupt Compatible Pins

P : Priority of Interrupt Pin

NB: All pins with the same pin number are multiplexed on the same interrupt line and when used simultaneously, only the one with the highest priority will work. E.g, PTA0 and PTB0 cannot be used at the same time.

Recommended : For multiple interrupt operations, choose pins with different pin numbers.