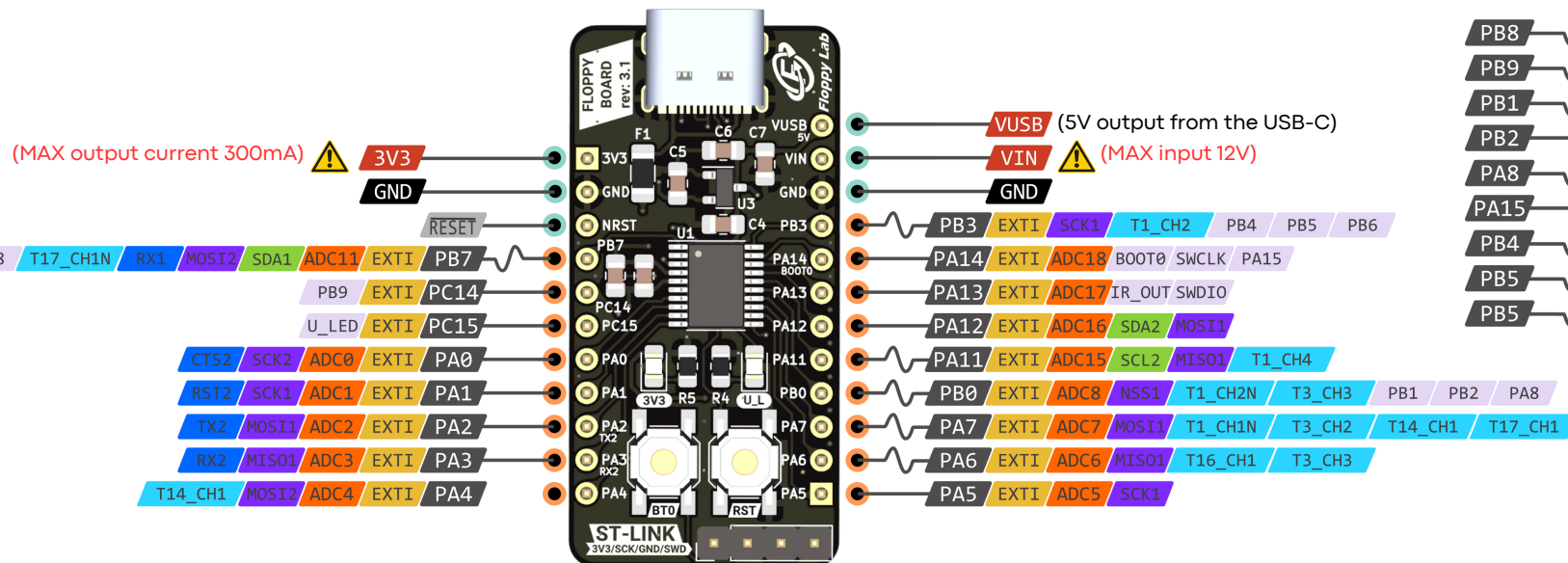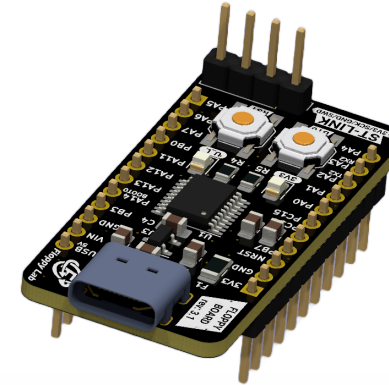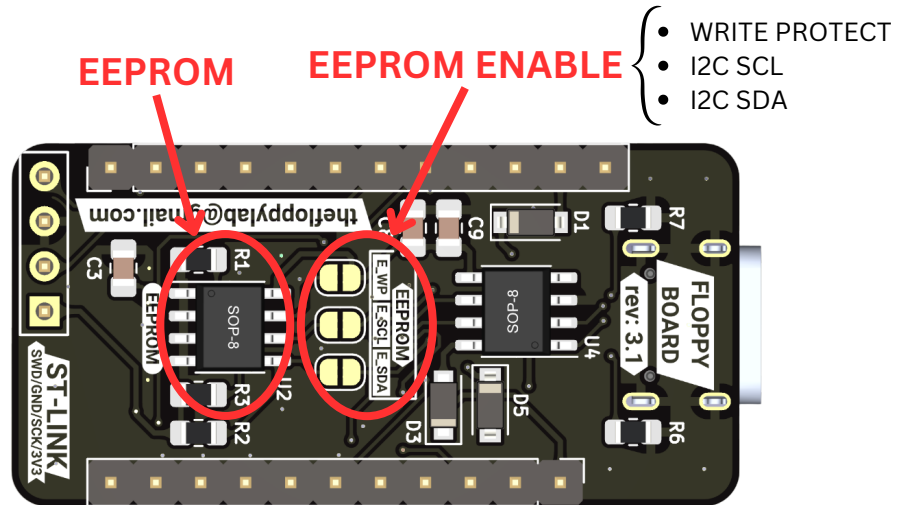# Floppy Board 3.1 PINOUT

STM32G030F6P6 version

- 32KB of FLASH
- 8KB of SRAM
- 48MHz
- 3.3V SUPPLY

- 5V tolerant GPIO
- 12-bit ADC
- 8 Timers
- RTC

- 2* I2C (1 Mbit/s)
- 2* USART
- 2* SPI (32Mbit/s)
- Onboard EEPROM

EEPROM

EEPROM ENABLE
- WRITE PROTECT
- I2C SCL
- I2C SDA

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OTHER PORTS

PB8	EXTI	SCL1	SCK1	T16_CH1		
PB9	EXTI	SDA1	NSS1			
PB1	EXTI	ADC9	T1_CH3N	T3_CH4	T14_CH1	
PB2	EXTI	ADC10	MISO2			
PA8	EXTI	NSS2	T1_CH1	MCO		
PA15	EXTI	NSS1	RX2			
PB4	EXTI	MISO1	CTS1	T3_CH1		
PB5	EXTI	MOSI1	T3_CH2			
PB5	EXTI	SCL1	MISO2	TX1	T1_CH3	T16_CH1N

(MAX output current 300mA) ⚠️ **3V3**

VUSB (5V output from the USB-C)

VIN ⚠️ (MAX input 12V)

GND

GND

RESET	NRST

PB8	T17_CH1N	RX1	MOSI2	SDA1	ADC11	EXTI	**PB7**

| PB3 | EXTI | SCK1 | T1_CH2 | PB4 | PB5 | PB6 |

| PB9 | EXTI | **PC14** |

| PA14 | EXTI | ADC18 | BOOT0 | SWCLK | PA15 |

| U_LED | EXTI | **PC15** |

| PA13 | EXTI | ADC17 | IR_OUT | SWDIO |

| CTS2 | SCK2 | ADC0 | EXTI | **PA0** |

| PA12 | EXTI | ADC16 | SDA2 | MOSI1 |

| RST2 | SCK1 | ADC1 | EXTI | **PA1** |

| PA11 | EXTI | ADC15 | SCL2 | MISO1 | T1_CH4 |

| TX2 | MOSI1 | ADC2 | EXTI | **PA2** |

| PB0 | EXTI | ADC8 | NSS1 | T1_CH2N | T3_CH3 | PB1 | PB2 | PA8 |

| RX2 | MISO1 | ADC3 | EXTI | **PA3** |

| PA7 | EXTI | ADC7 | MOSI1 | T1_CH1N | T3_CH2 | T14_CH1 | T17_CH1 |

| T14_CH1 | MOSI2 | ADC4 | EXTI | **PA4** |

| PA6 | EXTI | ADC6 | MISO1 | T16_CH1 | T3_CH3 |

| PA5 | EXTI | ADC5 | SCK1 |

ST-LINK 3V3/SCK/GND/SWD

Floppy Board