Morpho headers

These headers give access to all STM32 pins.
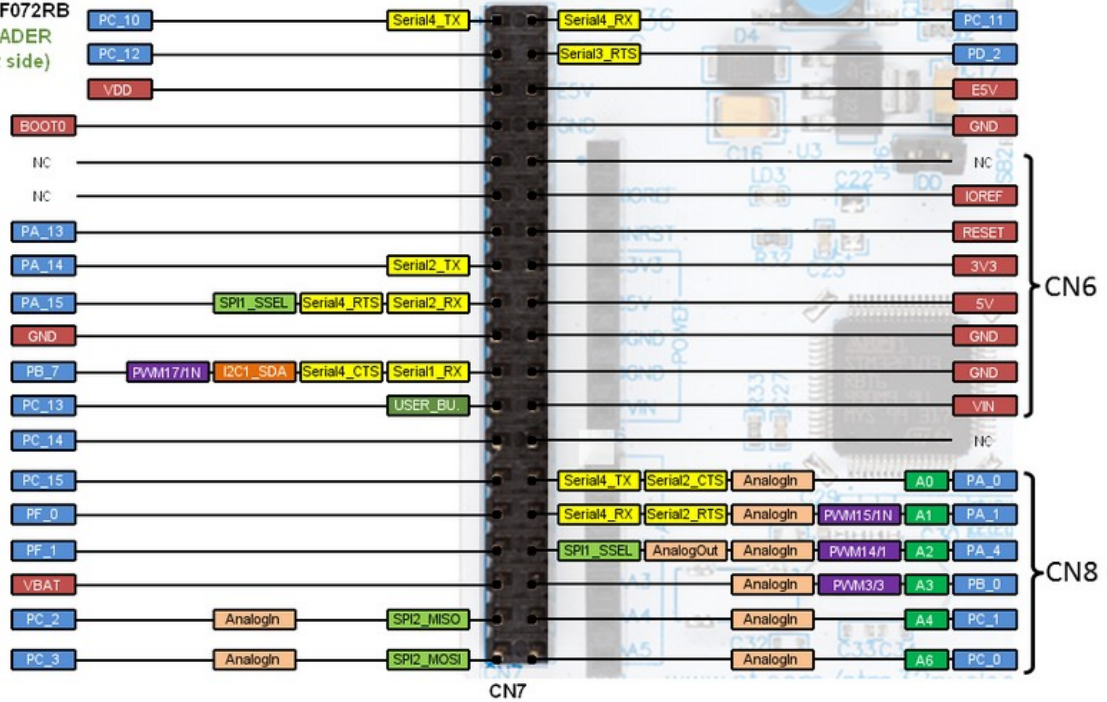

NUCLEO-F072RB
CN7 HEADER
(top left side)

Left pin						Right pin
PC_10			Serial4_TX	Serial4_RX		PC_11
PC_12				Serial3_RTS		PD_2
VDD						E5V
BOOT0						GND
NC				NC		
NC						IOREF
PA_13						RESET
PA_14			Serial2_TX			3V3
PA_15	SPI1_SSEL	Serial4_RTS	Serial2_RX			5V
GND						GND
PB_7	PWM17/1N	I2C1_SDA	Serial4_CTS	Serial1_RX		GND
PC_13			USER_BU.			VIN
PC_14						NC
PC_15			Serial4_TX	Serial2_CTS	AnalogIn	A0	PA_0
PF_0			Serial4_RX	Serial2_RTS	AnalogIn	PWM15/1N	A1	PA_1
PF_1			SPI1_SSEL	AnalogOut	AnalogIn	PWM14/1	A2	PA_4
VBAT					AnalogIn	PWM3/3	A3	PB_0
PC_2	AnalogIn		SPI2_MISO		AnalogIn	A4	PC_1
PC_3	AnalogIn		SPI2_MOSI		AnalogIn	A6	PC_0

CN6, CN8

CN7

NUCLEO-F072RB
CN10 HEADER
(top right side)

PC_9				PWM3/4	PWM3/3		PC_8
PB_8	D15	CAN1_RD	I2C1_SCL	PWM16/1	PWM3/1		PC_6
PB_9	D14	SPI2_SSEL	CAN1_TD	I2C1_SDA	PWM17/1	AnalogIn	Serial3_RX	PC_5
AVDD							U5V
GND							NC
PA_5	D13	SPI1_SCLK	LED1	AnalogOut	AnalogIn	Serial1_RTS	CAN1_TD	PA_12
PA_6	D12	SPI1_MISO	Serial3_CTS	AnalogIn	PWM16/1	PWM1/4	Serial1_CTS	CAN1_RD	PA_11
PA_7	D11	SPI1_MOSI	AnalogIn	PWM17/1	SPI2_SSEL		PB_12
PB_6	D10	I2C1_SCL	Serial1_TX	PWM16/1N	Serial3_RX	I2C2_SDA	PB_11
PC_7	D9		PWM3/2		GND
PA_9	D8	Serial1_TX	PWM1/2		PB_2
PA_8	D7		PWM1/1	PWM14/1	Serial3_RTS	AnalogIn	PB_1
PB_10	D6	SPI2_SCLK	I2C2_SCL	Serial3_TX	PWM15/2	SPI2_MOSI	PB_15
PB_4	D5	SPI1_MISO	PWM3/1	PWM15/1	Serial3_RTS	I2C2_SDA	SPI2_MISO	PB_14
PB_5	D4	SPI1_MOSI	PWM3/2	PWM1/1N	Serial3_CTS	I2C2_SCL	SPI2_SCLK	PB_13
PB_3	D3	SPI1_SCLK			AGND
PA_10	D2	Serial1_RX	PWM1/3	AnalogIn	Serial3_TX	PC_4
PA_2	D1	AnalogIn	Serial2_TX	PWM15/1		NC
PA_3	D0	AnalogIn	Serial2_RX	PWM15/2		NC

CN5, CN9

CN10