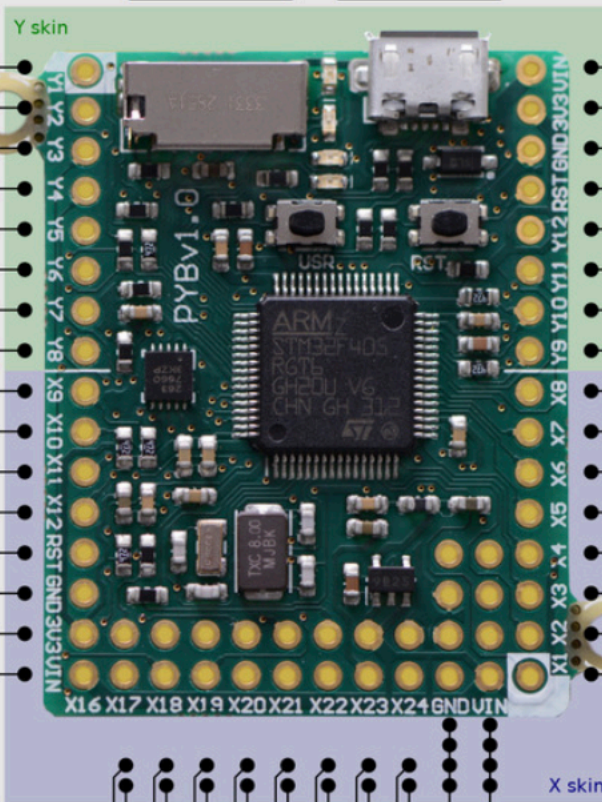


pin name CPU name available timers peripherals

Y1	C6	TIM8 CH1	UART(6) TX
Y2	C7	TIM8 CH2	UART(6) RX
Y3	B8	TIM4 CH3	CAN(1) RX
Y4	B9	TIM4 CH4	CAN(1) TX
Y5	B12	TIM10 CH1	CAN(2) RX
Y6	B13	TIM11 CH1	CAN(2) TX
Y7	B14	TIM1 CH1N	/SS
Y8	B15	TIM1 CH2N	SCK
Y9	B6	TIM8 CH2N	MISO
Y10	B7	TIM8 CH3N	MOSI
Y11	C4	TIM12 CH1	I2C(1) SCL
Y12	C5	TIM12 CH2	I2C(1) SDA
RST			ADC
GND			
3V3			
VIN			

micro SD slot

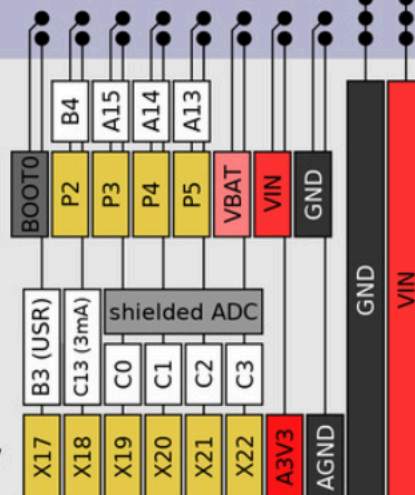
USB micro-AB



VIN			
3V3			
GND			
RST			
B1	Y12	TIM8 CH3N	TIM1 CH3N
B0	Y11	TIM8 CH2N	TIM1 CH2N
B11	Y10	TIM2 CH4	TIM2 CH3
B10	Y9	TIM14 CH1	TIM8 CH1N
A7	X8	TIM13 CH1	TIM1 CH1N
A6	X7		
A5	X6	TIM8 CH1N	TIM2 CH1
A4	X5		
A3	X4	TIM9 CH2	TIM5 CH4
A2	X3	TIM9 CH1	TIM5 CH3
A1	X2	TIM5 CH2	TIM2 CH2
A0	X1	TIM5 CH1	TIM2 CH1

peripherals available timers CPU pin name

inner row



outer row

VIN: 3.6v - 10v power input
(supplied by USB when USB connected)
3V3: regulated 3.3v output only, max 300mA
VBAT: battery backup input
A3V3: analog reference connected to 3V3 via inductor

X9/X10 are in I2C mode when accelerometer is in use
X17 is pulled to GND via 4.7k resistor when USR pressed
P2-P5 are connected to the 4 LEDs
SD = A8 is used for SD card switch
MMA_INT = B2 is used for accelerometer interrupts
MMA_AVDD = B5 is used for accelerometer power

connect BOOT0 to 3V3 and press RST to enter DFU mode

PYBv1.0

MicroPython pyboard

 micropython.org