

Pin mapping table

V0.1 Stage :alpha

PyBoard		Feather (M0)			UEXT			Connect Everything			Gr
Pin	Feature	Pin	Pin Alternate	Feature	Pin	Pin Alternate	Feature	Pin	Pin Alternate	Feature	Pin
X6	ADC,DAC	A0	14	DAC							
X19	ADC,C0	A1	15	shielded ADC							
X20	ADC,C1	A2	16	shielded ADC							
X21	ADC,C2	A3	17	shielded ADC							
X22	ADC,C3	A4	18	shielded ADC							
X11	ADC	A5	19	ADC							
Y5	SPI(2) /SS				10	SSEL					
Y6	SPI(2) SCK	SCK	24		9	SCK	SPI				
Y8	SPI(2) MOSI	MOSI	23	SPI	8	MOSI					
Y7	SPI(2) MISO	MISO	22		7	MISO					
Y1	UART(6) RX	RX	0	Serial							
Y2	UART(6) TX	TX	1								
Y10	I2C(2) SDA	SDA	20	I2C 4.7K pull-up To 3.3V	6	SDA	I2C 4.7K pull-up To 3.3V	2	SDA 5V	I2C OUT CE Connector 5V level shifting !!	
Y9	I2C(2) SCL	SCL	21		5	SCL		1	SCL 5V		
X1	Servo	5~		PWM (+Servo)							
X12	PWM,ADC	6		PWM (+extra ADC)							
X2	Servo	9~		PWM (+Servo)							
X3	Servo	10~		PWM (+Servo)							
X4	Servo	11~		PWM (+Servo)							
X7	Servo	12		PWM							
X8	PWM	13		PWM. NO LED Wired!							
X9	I2C(1) SCL, UART(1) (TX), PWM				3	TXD	Use a different serial port than Feather.				
X10	I2C(1) SDA, UART(1) RX, PWM				4	RXD					
Y11	PWM,ADC	NEOPIX 11		No Neopixel wired !							

Powering

V+	3.6 to 16V Max 5V advised !	USB	VUSB	May be higher than 5V !!				3V+	May be higher than 5V !!	
RST		EN		will deactivate the pyboard MCU						

Feuille1

RST		RST								
3.3V		BAT	VBAT		1	3.3V				
3.3V		3.3V		Not battery! 3.3V only 250mA max instead of 400mA						
GND		GND			2	GND		4	GND	

ove Connector	
Pin	Alternate Feature

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Feuille1

