UPPY pin mapping

Stage :alpha | V0.1 | **MC Hobby SPRL** | shop.mchobby.be

PyBoard		Feather (M0)			UEXT			Connect Everything (NCD)			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	SPI	9	SCK	SPI				
Y8	SPI(2) MOSI	MOSI	23		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 !!** will deactivate the pyboard MCU				3	V+	**May be higher than 5V !!**	
RST		EN									

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

Revision History

March 3, 2019   Initial setup

ɔve Connector	
Pin Alternate Feature	