UP20

Ext			ISP		
ADC6	ADC7		3V3	MOSI	GND
PC0	PC1		MISO	SCK	RESET
PC2	PC3				
PC4/SDA	PC5/SCL				GND
GND	3V3		LED-		ANT
PD0/RXD	PD1/TXD		LED+		GND
PD2	PD3				
PD4	PD5/PWM2				
PD6/PWM1	PD7				
GND	VCC				

Pin	Name	Analog	Digital	Alternative
1	VCC			Supply 5-12 V DC
2	GND			
3	PD7		IO-31	
4	PD6/PWM1		IO-30	PWM-30
5	PD5/PWM2		IO-29	PWM-29
6	PD4		IO-28	
7	PD3		IO-27	
8	PD2		IO-26	
9	PD1/TXD		IO-25	Serial Out
10	PD0/RXD		IO-24	Serial In
11	3V3			3,3 V DC In/Out
12	GND			
13	PC5/SCL	AIN-5	IO-21	I2C Bus – SCL
14	PC4/SDA	AIN-4	IO-20	I2C Bus – SDA
15	PC3	AIN-3	IO-19	
16	PC2	AIN-2	IO-18	
17	PC1	AIN-1	IO-17	
18	PC0	AIN-0	IO-16	
19	ADC7	AIN-7		
20	ADC6	AIN-6		