Pin Address	CON1-7, basic motor driver, programming header	L298 motor driver	Other I/O
PB0			Built-in LED
PB1	SCK		
PB2	MOSI		
PB3	MISO		
PB4	CON3		20-pin breakout header #18
PB5	Basic driver IN1-	L298 driver IN3	20-pin breakout header #17
PB6	Basic driver IN1+	L298 driver IN4	20-pin breakout header #04
PB7			20-pin breakout header #15
PC0			
PC1			
PC2			
PC3			
PC4			
PC5			
PC6			20-pin breakout header #16
PC7	Basic driver IN2-	L298 driver IN1	20-pin breakout header #05
PD0			20-pin breakout header #06
PD1			
PD2			20-pin breakout header #14
PD3			20-pin breakout header #07
PD4	CON1		20-pin breakout header #19
PD5		L298 driver ENB	
PD6	CON2		20-pin breakout header #02
PD7	Basic driver IN2+	L298 driver IN2	20-pin breakout header #03
PE0			
PE1			
PE2	RUN/PRG header		
PE3			
PE4			
PE5			
PE6		L298 driver ENA	
PE7			
PF0	CON6		
PF1	CON7		
PF2			
PF3			
PF4	CON5		20-pin breakout header #12
PF5	CON4		20-pin breakout header #09
PF6			20-pin breakout header #13
PF7			20-pin breakout header #08

20-pin breakout header note:
The pins are numbered from 1-20 going counter-clockwise. #01 is the front left, #10 is the back left, #11 is the back right, and #20 is the front right. See ork pins.png for a detailed diagram.