INAV Mapping					
UART					
USB			USB		
TX1 RX1	PA9/PA10	5 V tolerant I/O	UART 1	VTX	
TX2 RX2	PA2/PA3	5 V tolerant I/O	UART 2	Receiver	
TX3 RX3	PB10/PB11	5 V tolerant I/O	UART 3	GPS	
TX4 RX4	PA0/PA1	5 V tolerant I/O	UART 4	GPS	
TX5 RX5	PC12/PD2	5 V tolerant I/O	UART 5	GPS	
TX6 RX6	PC7	5 V tolerant I/O	UART 6	ESC Telemetry	

PWM				
S1	PB4	5 V tolerant I/O	TIM3-CH1	Motor
S2	PB0	5 V tolerant I/O	TIM1-CH2N	Motor
S3	PB5	5 V tolerant I/O	TIM3-CH2	Motor
S4	PB1	5 V tolerant I/O	TIM1-CH3N	Motor
S5	PE9	5 V tolerant I/O	TIM1-CH1	Motor
S6	PE11	5 V tolerant I/O	TIM1-CH2	Motor
S7	PE13	5 V tolerant I/O	TIM1-CH3	Motor
S8	PE14	5 V tolerant I/O	TIM1-CH4	Motor
S9	PB6	5 V tolerant I/O	TIM4-CH1	Servo
S10	PB7	5 V tolerant I/O	TIM4-CH2	Servo
LED	PC9	5 V tolerant I/O	TIM8-CH4	WS2812LED

I2C2	SCL/SDA	PB8/PB9	5 V tolerant I/O	Digital Airspeed sensor	MS4525
				Compass	QMC5883 / HMC5883
					MAG3110 / LIS3MDL
				OLED	0.96"
I2C4	SCL/SDA	PD12/PD13	5 V tolerant I/O	onboard Barometer	DPS310

ADC			
Vbat pad	1K:10K divider builtin	Battery voltage	0-36V
Curr Pad		Current sense	0-3.3V
AirS Pad	NONE	Analog Airspeed	0-6.6V

Ardupilot Mapping					
UART					
USB			USB		
TX1 RX1	PA10/PA9	5 V tolerant I/O	UART 1	VTX	
TX2 RX2	PA2/PA3	5 V tolerant I/O	UART 2	Receiver	
TX3 RX3	PB10/PB11	5 V tolerant I/O	UART 3	GPS	
TX4 RX4	PA0/PA1	5 V tolerant I/O	UART 4	GPS	
TX5 RX5	PC12/PD2	5 V tolerant I/O	UART 5	GPS	
TX6 RX6	PC6/PC7	5 V tolerant I/O	UART 6	ESC Telemetry	

PWM				
S1	PB4	5 V tolerant I/O	TIM3-CH1	Motor
S2	PB0	5 V tolerant I/O	TIM1-CH2N	Motor
S3	PB5	5 V tolerant I/O	TIM3-CH2	Motor
S4	PB1	5 V tolerant I/O	TIM1-CH3N	Motor
S5	PE9	5 V tolerant I/O	TIM1-CH1	Motor
S6	PE11	5 V tolerant I/O	TIM1-CH2	Motor
S7	PE13	5 V tolerant I/O	TIM1-CH3	Motor
S8	PE14	5 V tolerant I/O	TIM1-CH4	Motor
S9	PB6	5 V tolerant I/O	TIM4-CH1	Servo
S10	PB7	5 V tolerant I/O	TIM4-CH2	Servo
LED	PC9	5 V tolerant I/O	TIM8-CH4	WS2812LED

I2C2	SCL/SDA	PB8/PB9	5 V tolerant I/O	Digital Airspeed sensor	MS4525
				Compass	QMC5883 /
					MAG3110 / LIS3MDL
				OLED	0.96"
I2C4	SCL/SDA	PD12/PD13	5 V tolerant I/O	onboard Barometer	DPS310

ADC			
Vbat pad	1K:10K divider builtin	Battery voltage	0-36V
Curr Pad		Current sense	0-3.3V
AirS Pad	NONE	Analog Airspeed	0-6.6V