



MOTOR DRIVE					
	NSS	EN	STP	DIR	DIAG
M1(XM)	PF10	PD6	PF9	PD7	PB5
M2(YM)	PD4	PD5	PD3	PD2	PC1
M3(ZM)	PC8	PC9	PA15	PF8	PC0
M4(E0M)	PD8	PD9	PC7	PC6	PF4
M5(E1M)	PB11	PA8	PB10	PE15	PF5

MOTOR SPI	
MISO	PC11
MOSI	PC12
SCK	PC10

SPI OUT			
GND	SCK PB13	MISO PB14	GND
+5V	NSS PB12	MOSI PB15	3.3V

PWR DET		X STOP	
+5V		+5V	
GND		GND	
PE12		PB5	

PS-ON Probe		Y STOP	
GND	PF6	+5V	
PE5		GND	
GND		PC1	

Servos		Z STOP	
PE6		+5V	
+5V		GND	
GND		PC0	

E0_DET	
+5V	
GND	
PF4	

EXP2	
NC	GND
REST	SD-DET PE10
MOSI PA7	ENCB PE8
SD_NSS PF7	ENCA PE7
SCK PA5	MISO PA6

EXP1	
+5V	GND
D7 PC4	D6 PC5
D5 PB0	D4 PB1
LCD_NSS PC2	EN PC3
BTN PF3	BEEP PC13

GND	
VFAN	
TACH PD10	
PWM PE14	
VDD	
CANL	
CANH	
GND	

GND	
VFAN	
TACH PD11	
PWM PE9	

GND	
PE4	
+5V	

RGB