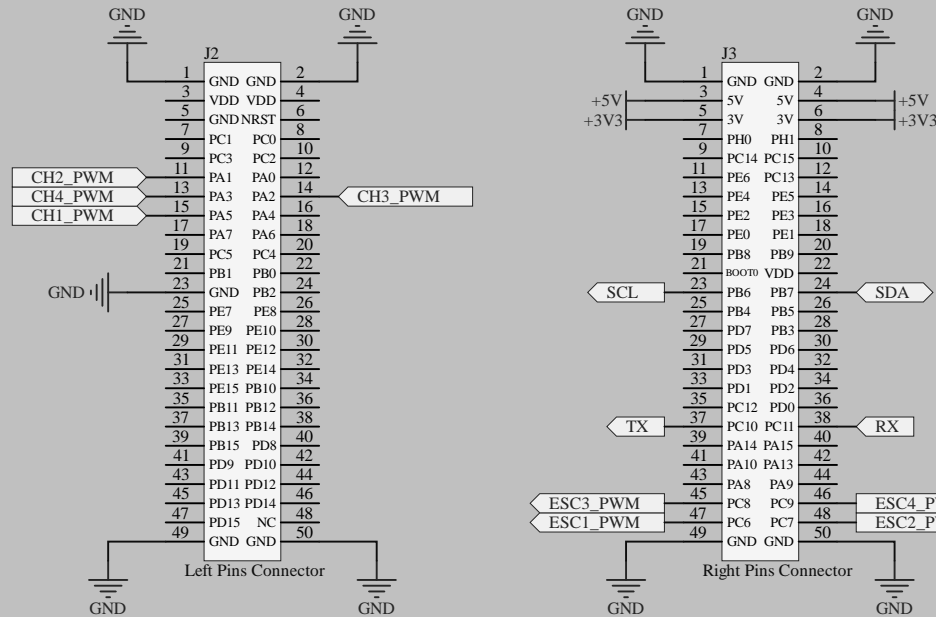
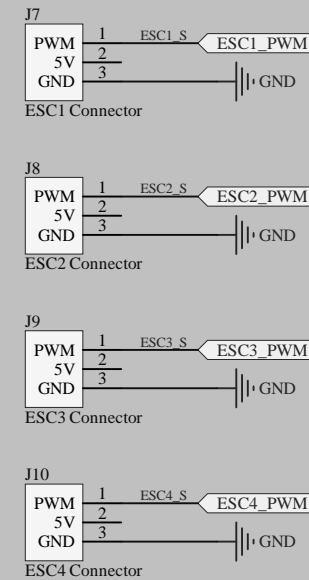


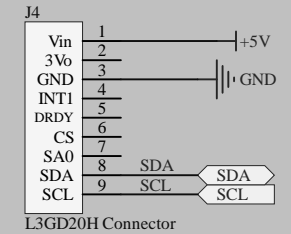
MCU Connections



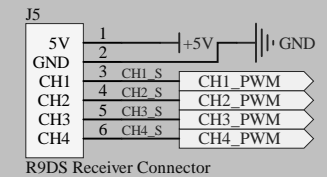
ESC Connections



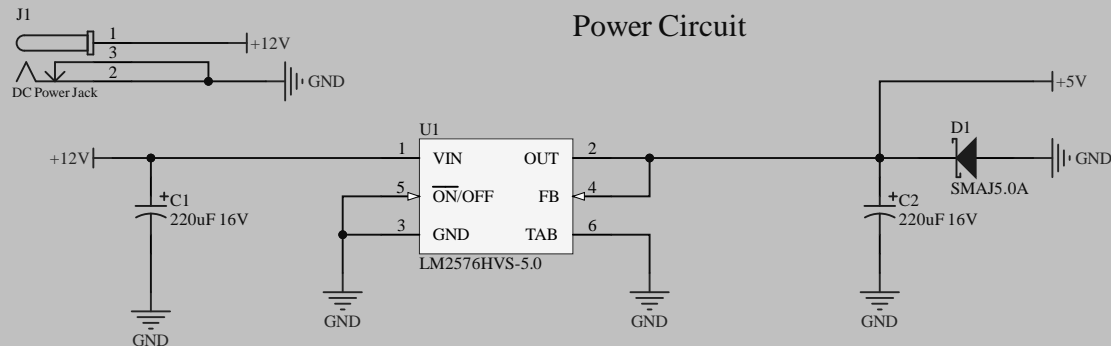
Gyroscope



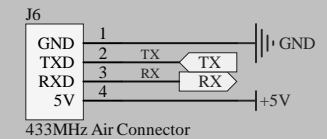
Receiver Connection



Power Circuit



Telemetry Connection



Title			STM32F4 Discovery Flight Controller Shield		
Size	Number	Revision			
A4	https://github.com/alcan71	rev2.0			
Date:	4/30/2020		Sheet of	1 / 1	
File:	C:\Users\...\Board.SchDoc		Drawn By:	MERT ÖCAL	

ATTENTION

J4
Vin
3Vo
GND

GYROSCOPE
SDA
SCL

MERT OCAL

J6
5V
RXD
TXD
GND
TELEMETRY

STM32F4 DISCOVERY
FLIGHT CONTROLLER SHIELD



open source
hardware

<https://github.com/ocalmerd>

ESC1 J7
2 + 1

ESC2 J8
2 + 1

ESC3 J9
2 + 1

ESC4 J10
2 + 1

J5
5V
GND
CH1
CH2
CH3
CH4
RECEIVER

J2
1 2
49 50

J3
1 2
49 50

