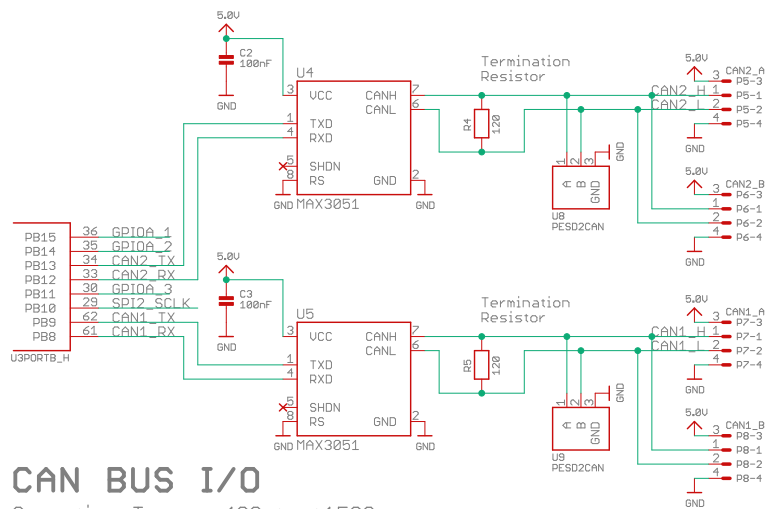
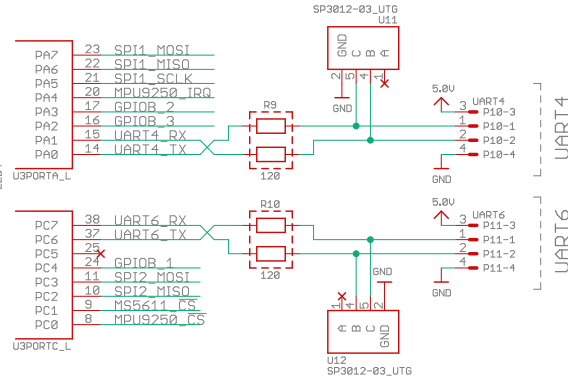
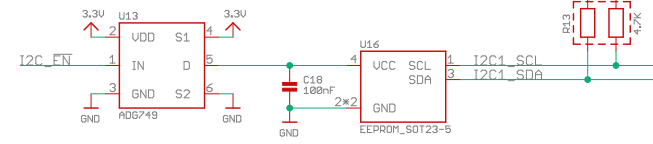


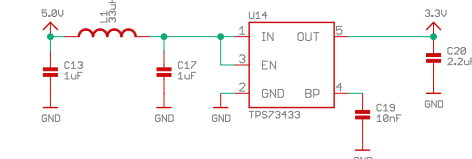
Operating Temp.: -40C to +85C
OSCILLATOR

[illegible]

Operating Temp.: -40C to +85C

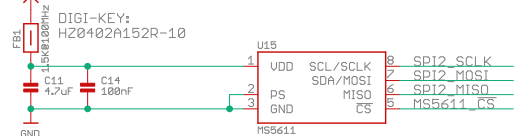


Operating Temp.: -40C to +125C



Operating Temp.: -40C to +85C

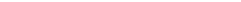
SPI Mode-0 (CPOL=0, CPHA=0)	Specifications
SPI Mode-3 (CPOL=1, CPHA=1)	MS5611 @0.012 mbar resolution, 8.22 msec, drop-in
	MS8607 @0.016 mbar resolution, 16.44 msec, I2C-only
	MS5607 @0.024 mbar resolution, 8.22 msec, drop-in



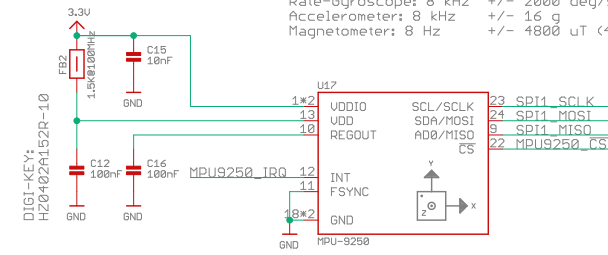
Operating Temp.: -40C to +85C

SPI Mode=0 (CPOL=0, CPHA=0)

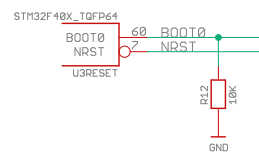
BANDWIDTH:
Rate-Gyroscope: 8 kHz +/- 2000 deg/sec
Accelerometer: 8 kHz +/- 16 g
Magnetometer: 8 Hz +/- 4800 uT (48 Gauss)



3.3V



BOOTLOADER CONTROL



BOOT MODES

1. Main Flash Memory (BOOT1=x, BOOT0=0) <<
2. System Memory (BOOT1=0, BOOT0=1) <<
3. Embedded SRAM (BOOT1=1, BOOT0=1)

NOTE: In-Circuit Serial Programmer (ICSP) Embedded bootloader (loaded in 2) is used to reprogram the Main Flash Memory (1) using USART1/3 (when in operation, neither can be floating, see Application Note AN2606.

Boot from System Memory:
Hold BOOT0 high and BOOT1 low during reset.

FIDUCIALS  

MOUNTING POINTS 

Title: autopilot	
2014.09.28	
Drawn By: Raymond Oung	1/1