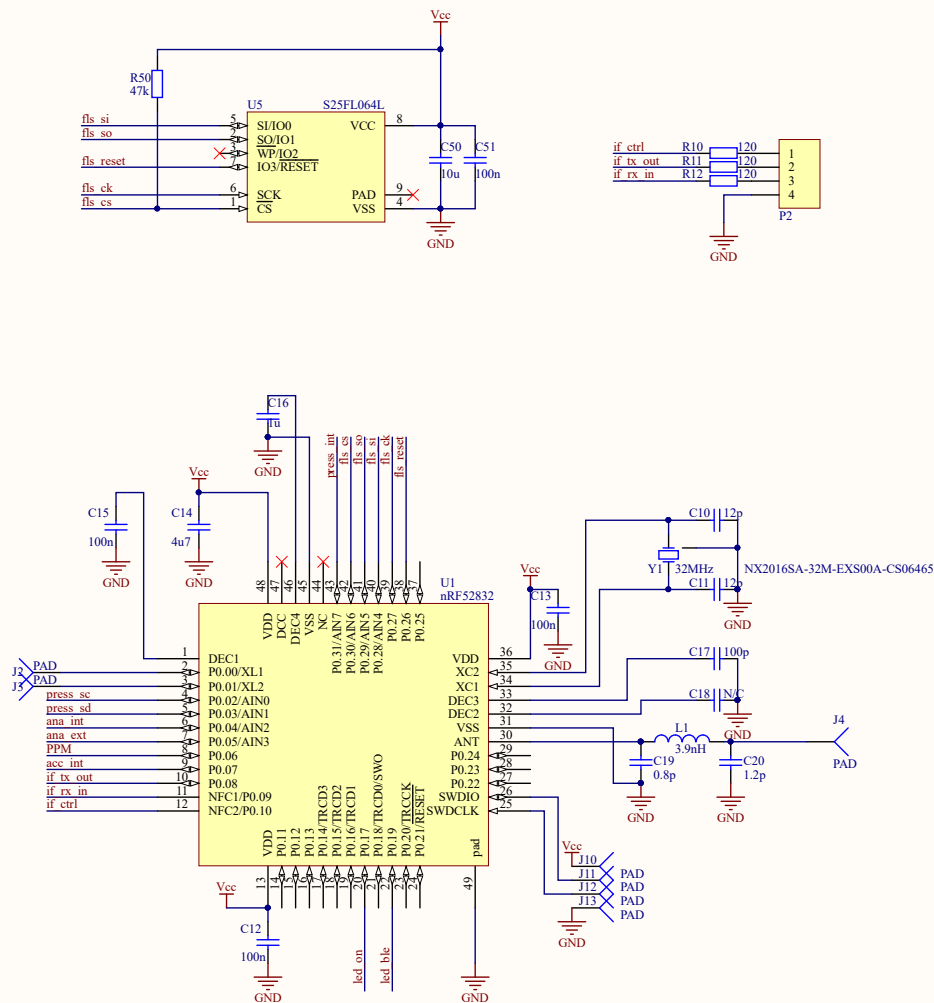
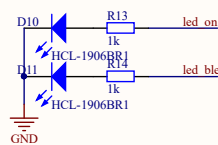
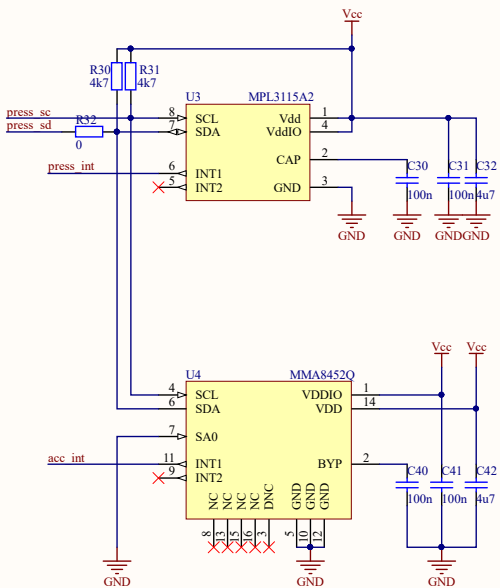
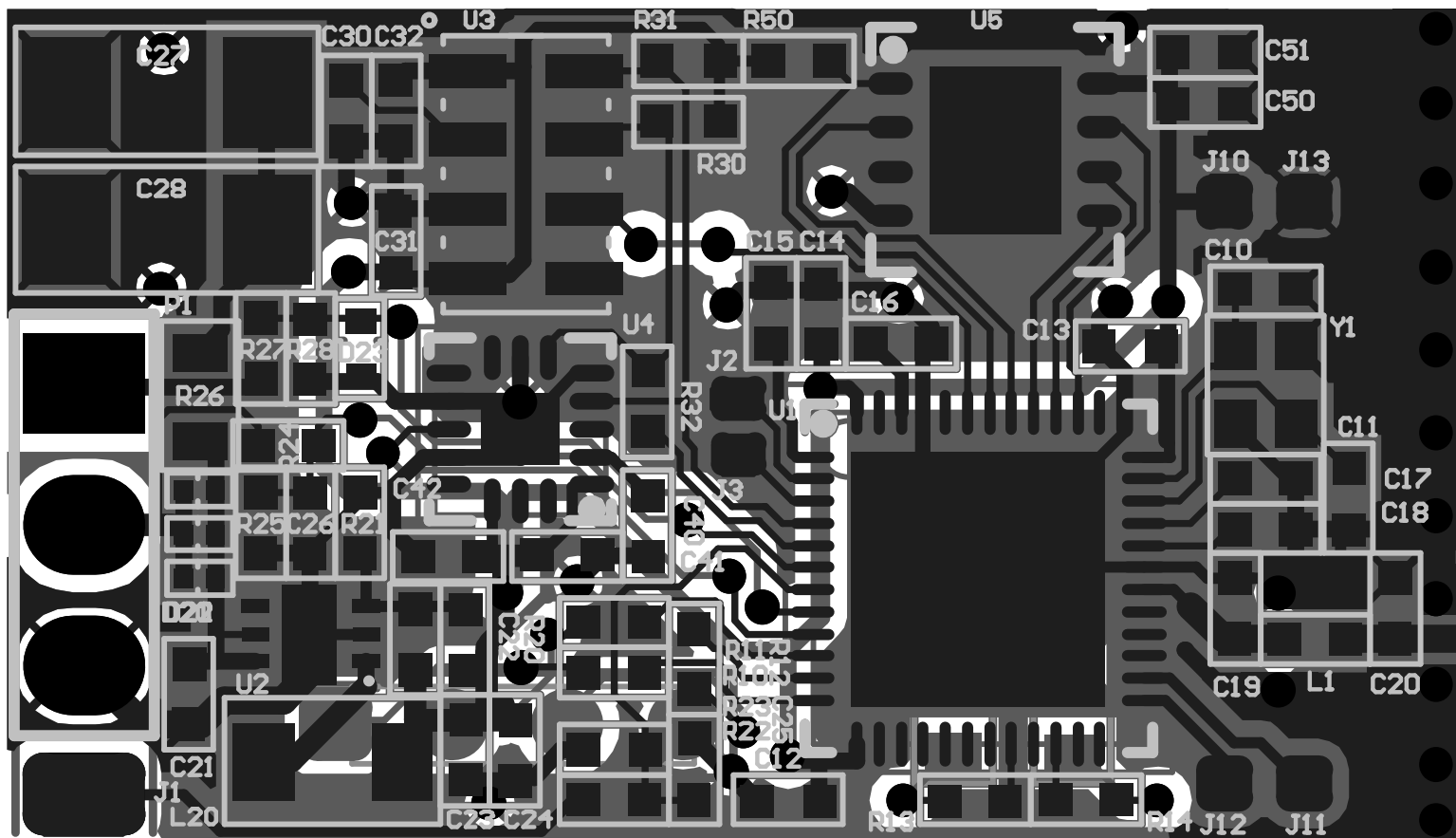


ADC is used with internal 0.6V reference and 1/5 gain - 3V max range



Title		
Size	Number	Revision
B		
Date:	2020-01-20	Sheet of
File:	C:\Users\FlightLogger\SchDoc	Drawn By:



Comment	Description	Designator	Footprint	LibRef	Quantity
12p	Capacitor	C10, C11	0402_cap	CAP	2
100n	Capacitor	C12, C13, C15, C21, C25, C30, C31, C40, C41, C51	0402_cap	CAP	10
4u7	Capacitor	C14, C32, C42	0402_cap	CAP	3
1u	Capacitor	C16	0402_cap	CAP	1
100p	Capacitor	C17	0402_cap	CAP	1
N/C	Capacitor	C18	0402_cap	CAP	1
0.8p	Capacitor	C19	0402_cap	CAP	1
1.2p	Capacitor	C20	0402_cap	CAP	1
330p	Capacitor	C22	0402_cap	CAP	1
10u	Capacitor	C23, C24, C50	0402_cap	CAP	3
10n	Capacitor	C26	0402_cap	CAP	1
100u	Capacitor	C27, C28	1206_cap	CAP	2
HCL-1906BR1	Typical RED, GREEN, YELLOW, AMBER GaAs LED	D10, D11	0603_led_green	LED	2
PMEG2002AESF	Schottky Barrier Diode	D20, D21, D22	SOD962_2	1PS76SB10	3
CDZVT2R3.0B	Zener Diode	D23	VMN2M	D Zener	1
PAD	Pad	J1, J2, J3, J4, J10, J11, J12, J13	PAD_0.6x1mm	PAD	8
3.9nH	Inductor	L1	0402_res	Inductor	1
CVH252009-2R2M	Inductor	L20	1008_Inductor	Inductor	1
Conn3	3pin connection	P1	HDR1X3	conn_3pin_1	1
Conn4	4pin connection	P2	conn_4pin_1row_1mm	conn_4pin	1
120	Resistor	R10, R11, R12	0402_res	RES	3
1k	Resistor	R13, R14	0402_res	RES	2
100k	Resistor	R20, R28	0402_res	RES	2
33k	Resistor	R21	0402_res	RES	1
47k	Resistor	R22, R24, R50	0402_res	RES	3
6k8	Resistor	R23	0402_res	RES	1
22k	Resistor	R25	0402_res	RES	1
2R2	Resistor	R26	0603_res	RES	1
4k7	Resistor	R27, R30, R31	0402_res	RES	3
0	Resistor	R32	0402_res	RES	1
nRF52832	ARM Cortex M4 microcontroller with 2.4GHz radio	U1	QFN48	nRF52832	1
XC9264	18V 0.5A step down DC DC converter	U2	USP-6C	XC9264	1
MPL3115A2	Precision barometer sensor I2C	U3	MPL3115A2	MPL3115A2	1
MMA8452Q	3 axis accelerometer	U4	QFN16SP	MMA8452Q	1
S25FL064L	64Mbit NOR flash	U5	USON8	S25FL064L	1
32MHz	Crystal Oscillator	Y1	Cristal_2_1.6_4pin	XTAL	1