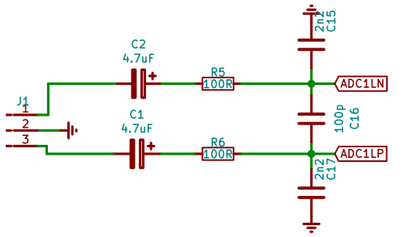
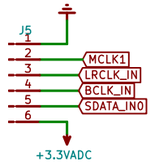
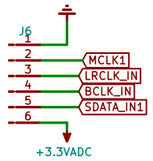
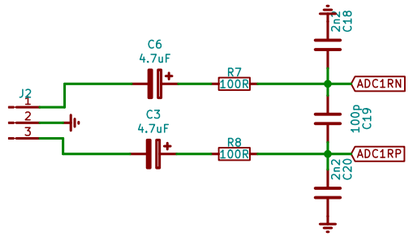
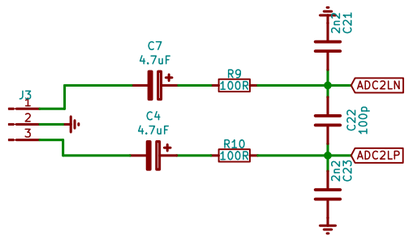
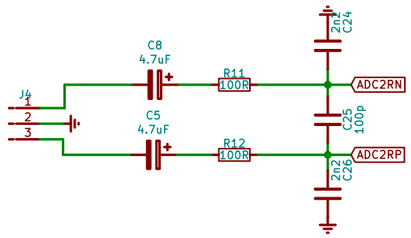

J1
C2
4.7uF
C1
4.7uF
R5
100R
R6
100R
2n2
C15
100p
C16
2n2
C17
ADC1LN
ADC1LP

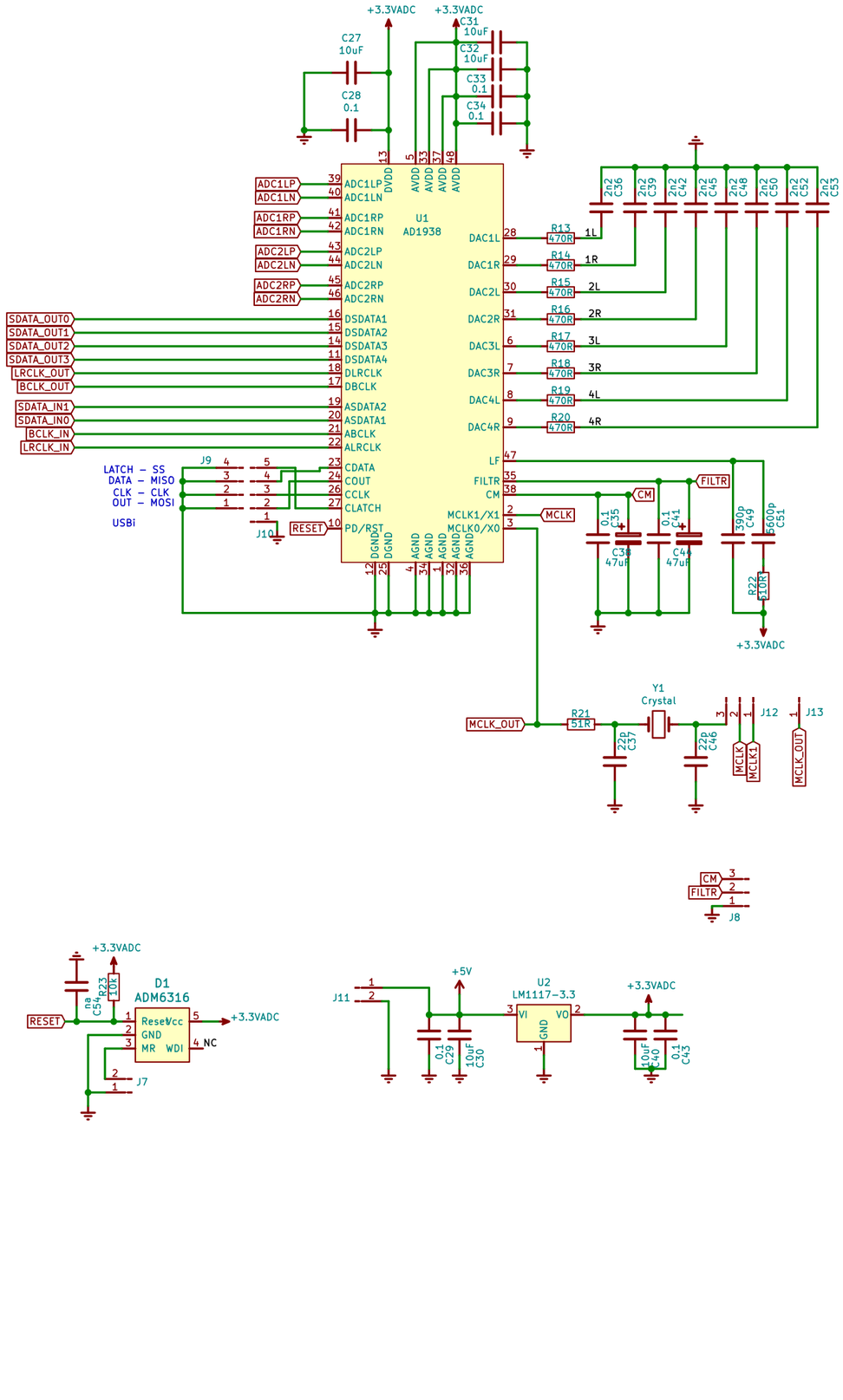

J5
MCLK1
LRCLK_IN
BCLK_IN
SDATA_IN0
+3.3VADC


J6
MCLK1
LRCLK_IN
BCLK_IN
SDATA_IN1
+3.3VADC


J2
C6
4.7uF
C3
4.7uF
R7
100R
R8
100R
2n2
C18
100p
C19
2n2
C20
ADC1RN
ADC1RP


J3
C7
4.7uF
C4
4.7uF
R9
100R
R10
100R
2n2
C21
100p
C22
2n2
C23
ADC2LN
ADC2LP


J4
C8
4.7uF
C5
4.7uF
R11
100R
R12
100R
2n2
C24
100p
C25
2n2
C26
ADC2RN
ADC2RP


+3.3VADC
+3.3VADC
C27
10uF
C28
0.1
C31
10uF
C32
10uF
C33
0.1
C34
0.1
U1
AD1938
ADC1LP
ADC1LN
ADC1RP
ADC1RN
ADC2LP
ADC2LN
ADC2RP
ADC2RN
DSDATA1
DSDATA2
DSDATA3
DSDATA4
DLRCLK
DBCLK
ASDATA2
ASDATA1
ABCLK
ALRCLK
CDATA
COUT
CCLK
CLATCH
PD/RST
DVDD
AVDD
AVDD
AVDD
AVDD
DGND
DGND
AGND
AGND
AGND
AGND
AGND
DAC1L
DAC1R
DAC2L
DAC2R
DAC3L
DAC3R
DAC4L
DAC4R
LF
FILTR
CM
MCLK1/X1
MCLK0/X0
SDATA_OUT0
SDATA_OUT1
SDATA_OUT2
SDATA_OUT3
LRCLK_OUT
BCLK_OUT
SDATA_IN1
SDATA_IN0
BCLK_IN
LRCLK_IN
LATCH – SS
DATA – MISO
CLK – CLK
OUT – MOSI
USBi
J9
J10
RESET
R13
470R
R14
470R
R15
470R
R16
470R
R17
470R
R18
470R
R19
470R
R20
470R
1L
1R
2L
2R
3L
3R
4L
4R
2n2
C36
2n2
C39
2n2
C42
2n2
C45
2n2
C48
2n2
C50
2n2
C52
2n2
C53
CM
FILTR
0.1
C35
0.1
C41
390p
C49
5600p
C51
C38
47uF
C44
47uF
R22
810R
MCLK
MCLK_OUT
R21
51R
Y1
Crystal
22p
C37
22p
C46
J12
J13
MCLK
MCLK1
MCLK_OUT
J15
J16
J17
J18
J19
J20
J21
J22
J8

+3.3VADC
na
C54
4223
10K
RESET
D1
ADM6316
Reset
Vcc
GND
MR
WDI
NC
+3.3VADC
J7

J11
+5V
0.1
C29
10uF
C30
U2
LM1117-3.3
VI
VO
GND
+3.3VADC
10uF
C40
0.1
C43