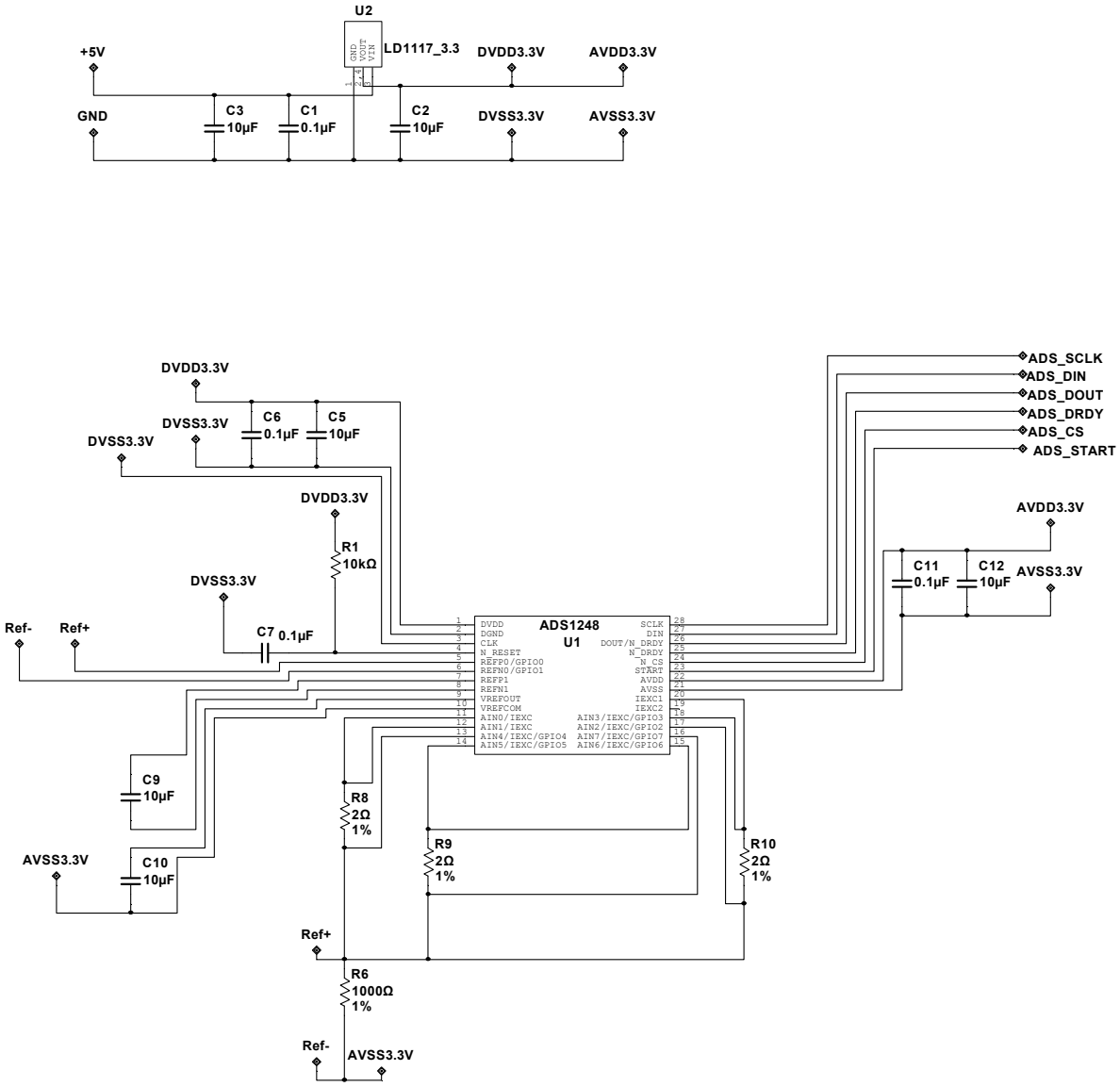
U2
LD1117_3.3
GND
VOUT
VIN
+5V
GND
C3
10µF
C1
0.1µF
C2
10µF
DVDD3.3V
AVDD3.3V
DVSS3.3V
AVSS3.3V
DVDD3.3V
DVSS3.3V
C6
0.1µF
C5
10µF
DVSS3.3V
DVDD3.3V
R1
10kΩ
DVSS3.3V
Ref-
Ref+
C7
0.1µF
ADS1248
U1
DVDD
DGND
CLK
N_RESET
REFP0/GPIO0
REFN0/GPIO1
REFP1
REFN1
VREFOUT
VREFCOM
AIN0/IEXC
AIN1/IEXC
AIN4/IEXC/GPIO4
AIN5/IEXC/GPIO5
SCLK
DIN
DOUT/N_DRDY
N_DRDY
N_CS
START
AVDD
AVSS
IEXC1
IEXC2
AIN3/IEXC/GPIO3
AIN2/IEXC/GPIO2
AIN7/IEXC/GPIO7
AIN6/IEXC/GPIO6
ADS_SCLK
ADS_DIN
ADS_DOUT
ADS_DRDY
ADS_CS
ADS_START
AVDD3.3V
C11
0.1µF
C12
10µF
AVSS3.3V
C9
10µF
AVSS3.3V
C10
10µF
R8
2Ω
1%
R9
2Ω
1%
R10
2Ω
1%
Ref+
R6
1000Ω
1%
Ref-
AVSS3.3V