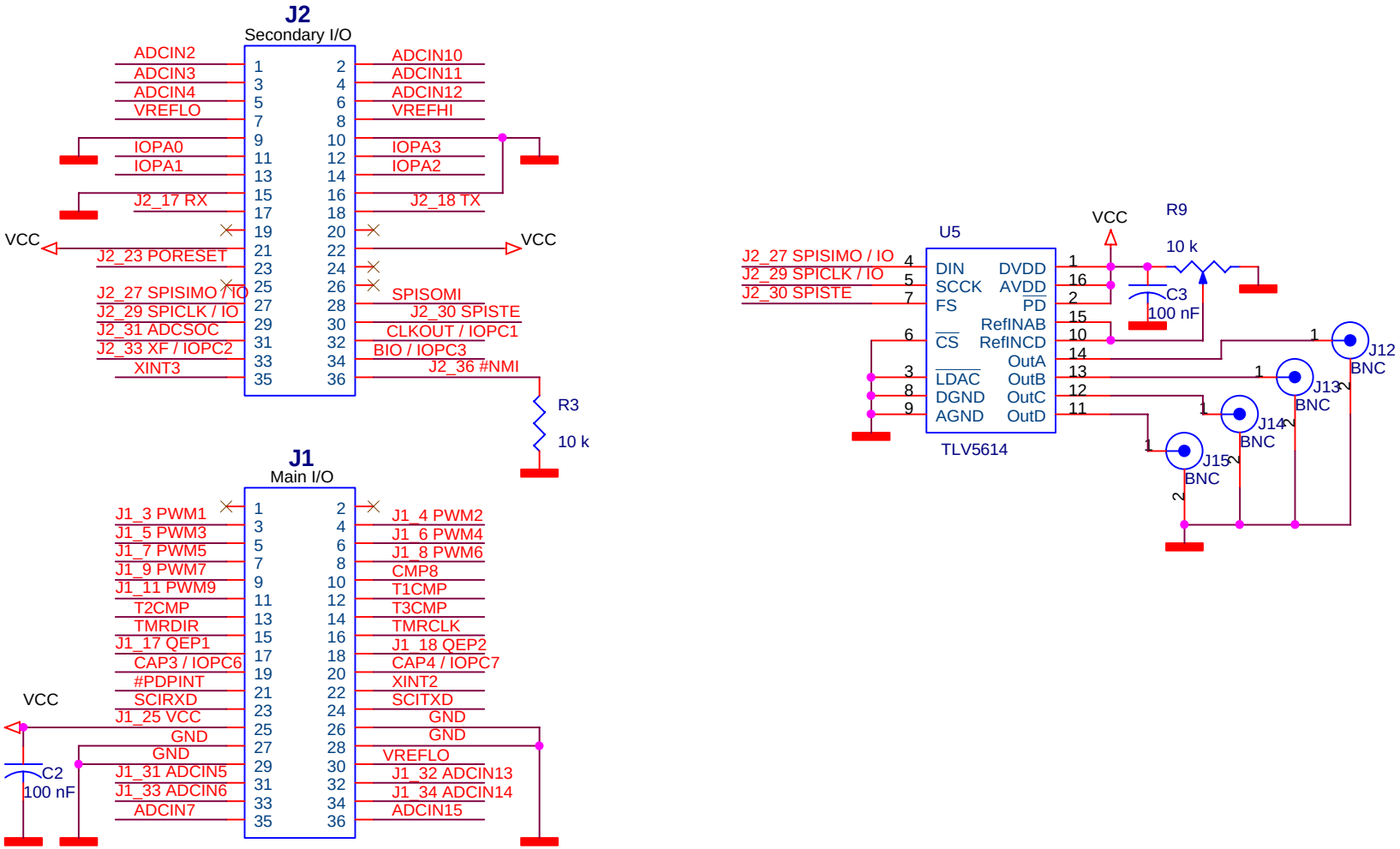
J2
Secondary I/O
ADCIN2
ADCIN3
ADCIN4
VREFLO
IOPA0
IOPA1
J2_17 RX
VCC
J2_23 PORESET
J2_27 SPISIMO / IO
J2_29 SPICLK / IO
J2_31 ADCSOC
J2_33 XF / IOPC2
XINT3
ADCIN10
ADCIN11
ADCIN12
VREFHI
IOPA3
IOPA2
J2_18 TX
VCC
SPISOMI
J2_30 SPISTE
CLKOUT / IOPC1
BIO / IOPC3
J2_36 #NMI
R3
10 k
J1
Main I/O
J1_3 PWM1
J1_5 PWM3
J1_7 PWM5
J1_9 PWM7
J1_11 PWM9
T2CMP
TMRDIR
J1_17 QEP1
CAP3 / IOPC6
#PDPINT
SCIRXD
J1_25 VCC
GND
GND
VCC
C2
100 nF
J1_31 ADCIN5
J1_33 ADCIN6
ADCIN7
J1_4 PWM2
J1_6 PWM4
J1_8 PWM6
CMP8
T1CMP
T3CMP
TMRCLK
J1_18 QEP2
CAP4 / IOPC7
XINT2
SCITXD
GND
GND
VREFLO
J1_32 ADCIN13
J1_34 ADCIN14
ADCIN15
U5
J2_27 SPISIMO / IO
J2_29 SPICLK / IO
J2_30 SPISTE
DIN
SCCK
FS
CS
LDAC
DGND
AGND
DVDD
AVDD
PD
RefINAB
RefINCD
OutA
OutB
OutC
OutD
TLV5614
VCC
R9
10 k
C3
100 nF
J12
BNC
J13
BNC
J14
BNC
J15
BNC