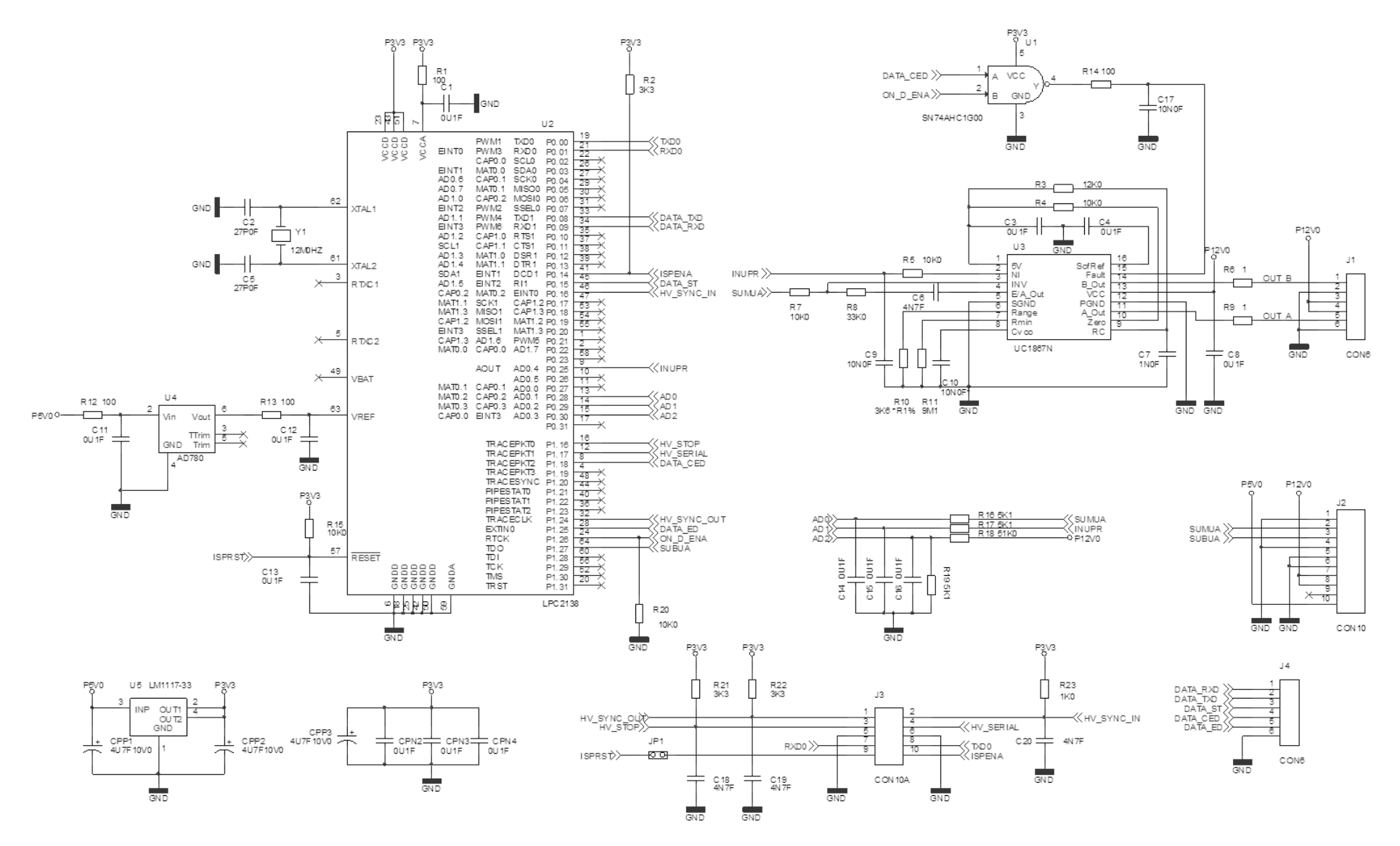
P3V3
R1 100
C1 0U1F
GND
R2 3K3
U2
LPC2138
XTAL1
XTAL2
RTXC1
RTXC2
VBAT
VREF
RESET
C2 27P0F
Y1 12M0HZ
C5 27P0F
R12 100
R13 100
U4
AD780
C11 0U1F
C12 0U1F
P5V0
R15 10K0
ISPRST
C13 0U1F
R20 10K0
TXD0
RXD0
DATA_TXD
DATA_RXD
ISPENA
DATA_ST
HV_SYNC_IN
INUPR
AD0
AD1
AD2
HV_STOP
HV_SERIAL
DATA_CED
HV_SYNC_OUT
DATA_ED
ON_D_ENA
SUBUA
U1
SN74AHC1G00
DATA_CED
ON_D_ENA
R14 100
C17 10N0F
R3 12K0
R4 10K0
C3 0U1F
C4 0U1F
U3
UC1867N
R5 10K0
R6 1
R9 1
OUT_B
OUT_A
P12V0
J1
CON6
SUMUA
R7 10K0
R8 33K0
C6 4N7F
R10 3K6 *R1%
R11 9M1
C10 10N0F
C9 10N0F
C7 1N0F
C8 0U1F
R16 5K1
R17 5K1
R18 51K0
R19 5K1
C14 0U1F
C15 0U1F
C16 0U1F
J2
CON10
U5 LM1117-33
CPP1 4U7F10V0
CPP2 4U7F10V0
CPP3 4U7F10V0
CPN2 0U1F
CPN3 0U1F
CPN4 0U1F
R21 3K3
R22 3K3
R23 1K0
JP1
J3
CON10A
C18 4N7F
C19 4N7F
C20 4N7F
J4
CON6
GND