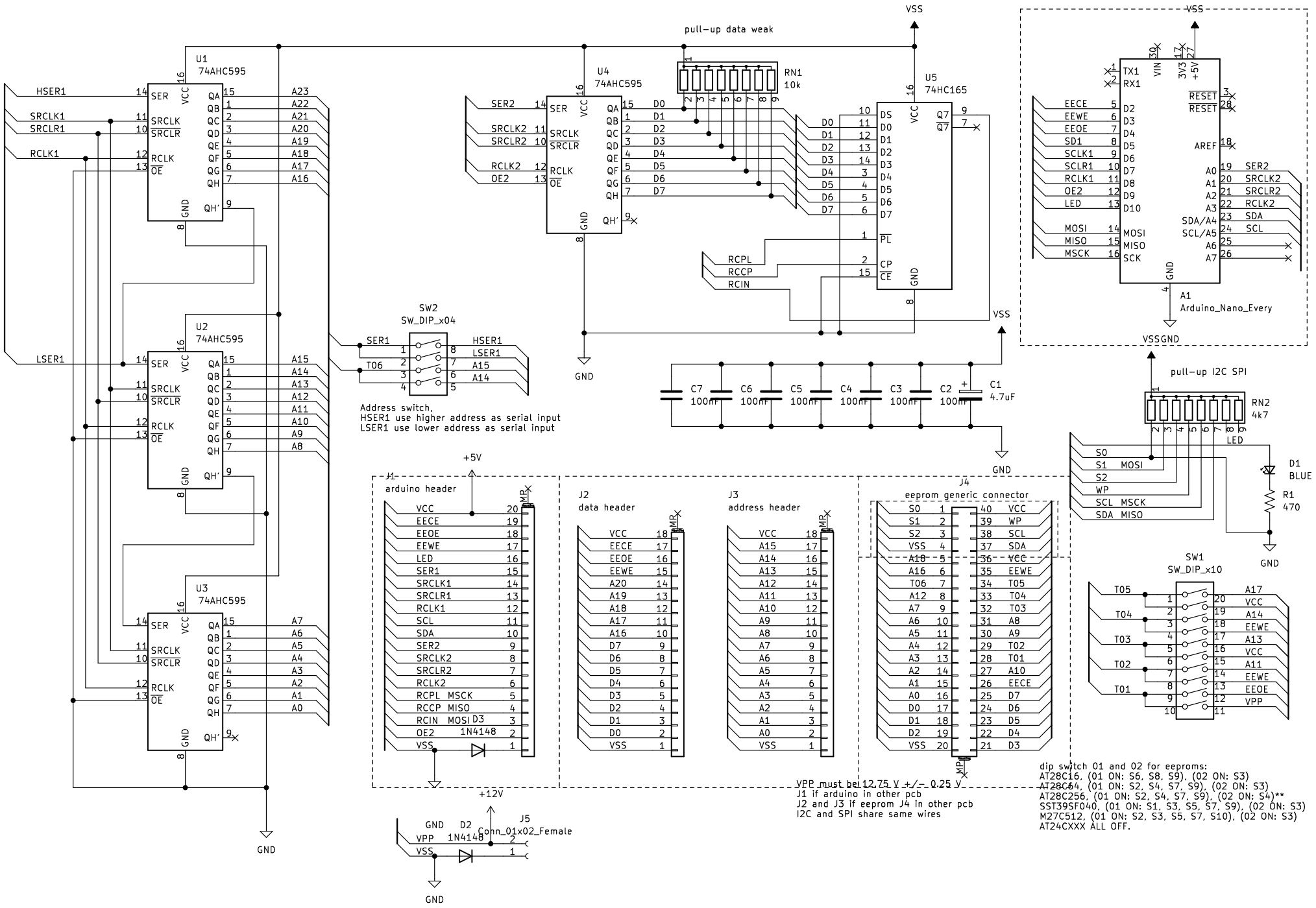
U1
74AHC595
U2
74AHC595
U3
74AHC595
U4
74AHC595
U5
74HC165
A1
Arduino_Nano_Every
SW2
SW_DIP_x04
Address switch,
HSER1 use higher address as serial input
LSER1 use lower address as serial input
pull-up data weak
RN1
10k
RN2
4k7
pull-up I2C SPI
C7 100nF
C6 100nF
C5 100nF
C4 100nF
C3 100nF
C2 100nF
C1 4.7uF
D1 BLUE
R1 470
SW1
SW_DIP_x10
J1
arduino header
J2
data header
J3
address header
J4
eeprom generic connector
J5
Conn_01x02_Female
D2 1N4148
D3 1N4148
VPP must be 12.75 V +/- 0.25 V
J1 if arduino in other pcb
J2 and J3 if eeprom J4 in other pcb
I2C and SPI share same wires
dip switch 01 and 02 for eeproms:
AT28C16, (01 ON: S6, S8, S9), (02 ON: S3)
AT28C64, (01 ON: S2, S4, S7, S9), (02 ON: S3)
AT28C256, (01 ON: S2, S4, S7, S9), (02 ON: S4)**
SST39SF040, (01 ON: S1, S3, S5, S7, S9), (02 ON: S3)
M27C512, (01 ON: S2, S3, S5, S7, S10), (02 ON: S3)
AT24CXXX ALL OFF.
VSS
GND
+5V
+12V