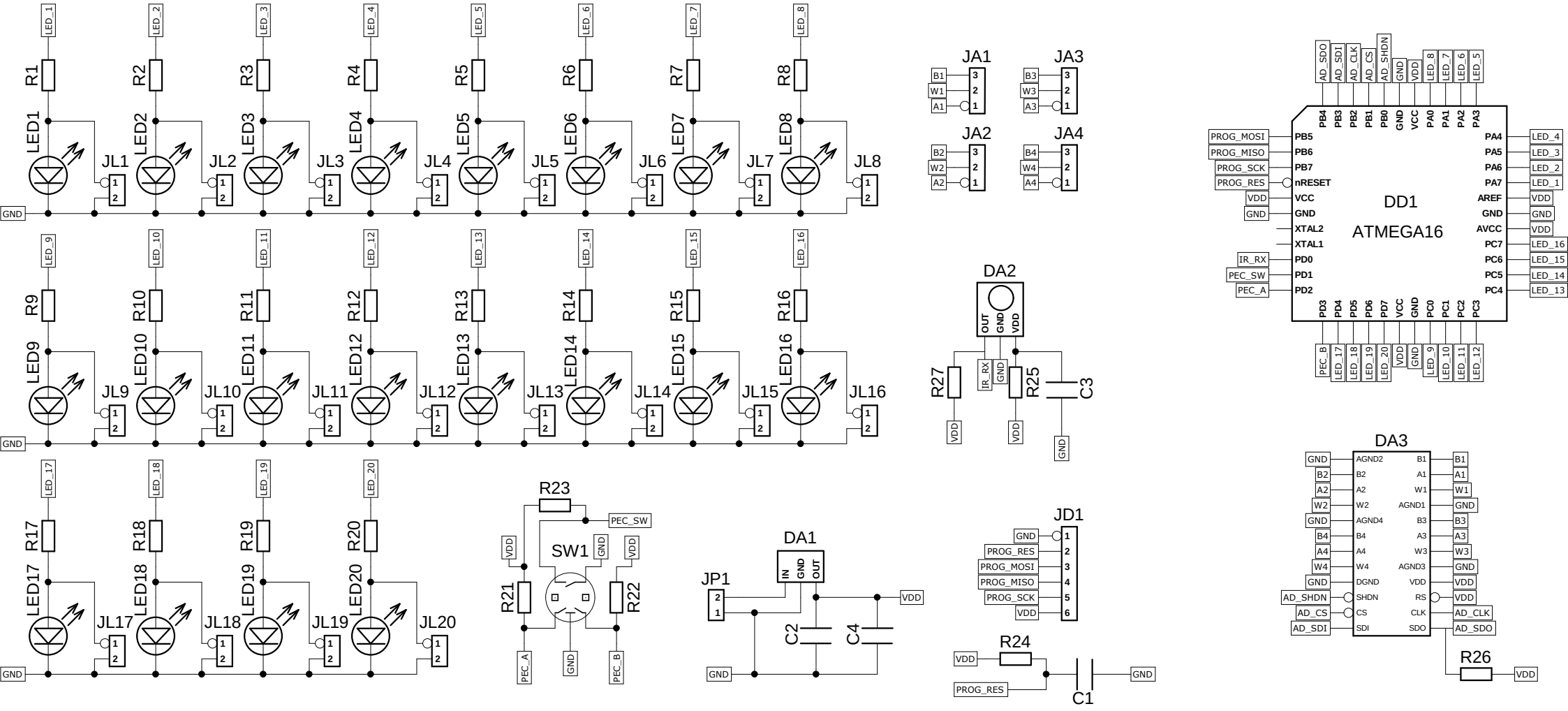
LED_1
LED_2
LED_3
LED_4
LED_5
LED_6
LED_7
LED_8
R1
R2
R3
R4
R5
R6
R7
R8
LED1
LED2
LED3
LED4
LED5
LED6
LED7
LED8
JL1
JL2
JL3
JL4
JL5
JL6
JL7
JL8
GND
LED_9
LED_10
LED_11
LED_12
LED_13
LED_14
LED_15
LED_16
R9
R10
R11
R12
R13
R14
R15
R16
LED9
LED10
LED11
LED12
LED13
LED14
LED15
LED16
JL9
JL10
JL11
JL12
JL13
JL14
JL15
JL16
LED_17
LED_18
LED_19
LED_20
R17
R18
R19
R20
LED17
LED18
LED19
LED20
JL17
JL18
JL19
JL20
R23
PEC_SW
VDD
SW1
GND
VDD
R21
R22
PEC_A
GND
PEC_B
JA1
JA2
JA3
JA4
B1
W1
A1
B2
W2
A2
B3
W3
A3
B4
W4
A4
DA2
OUT
GND
VDD
R27
IR_RX
GND
R25
C3
VDD
VDD
GND
DA1
IN
GND
OUT
JP1
VDD
C2
C4
GND
JD1
GND
PROG_RES
PROG_MOSI
PROG_MISO
PROG_SCK
VDD
R24
VDD
PROG_RES
C1
GND
AD_SDO
AD_SDI
AD_CLK
AD_CS
AD_SHDN
GND
VDD
LED_8
LED_7
LED_6
LED_5
PB4
PB3
PB2
PB1
PB0
GND
VCC
PA0
PA1
PA2
PA3
PROG_MOSI
PROG_MISO
PROG_SCK
PROG_RES
VDD
GND
IR_RX
PEC_SW
PEC_A
PB5
PB6
PB7
nRESET
VCC
GND
XTAL2
XTAL1
PD0
PD1
PD2
DD1
ATMEGA16
PA4
PA5
PA6
PA7
AREF
GND
AVCC
PC7
PC6
PC5
PC4
LED_4
LED_3
LED_2
LED_1
VDD
GND
VDD
LED_16
LED_15
LED_14
LED_13
PD3
PD4
PD5
PD6
PD7
VCC
GND
PC0
PC1
PC2
PC3
PEC_B
LED_17
LED_18
LED_19
LED_20
VDD
GND
LED_9
LED_10
LED_11
LED_12
DA3
GND
B2
A2
W2
GND
B4
A4
W4
GND
AD_SHDN
AD_CS
AD_SDI
AGND2
B2
A2
W2
AGND4
B4
A4
W4
DGND
SHDN
CS
SDI
B1
A1
W1
AGND1
B3
A3
W3
AGND3
VDD
RS
CLK
SDO
B1
A1
W1
GND
B3
A3
W3
GND
VDD
VDD
AD_CLK
AD_SDO
R26
VDD