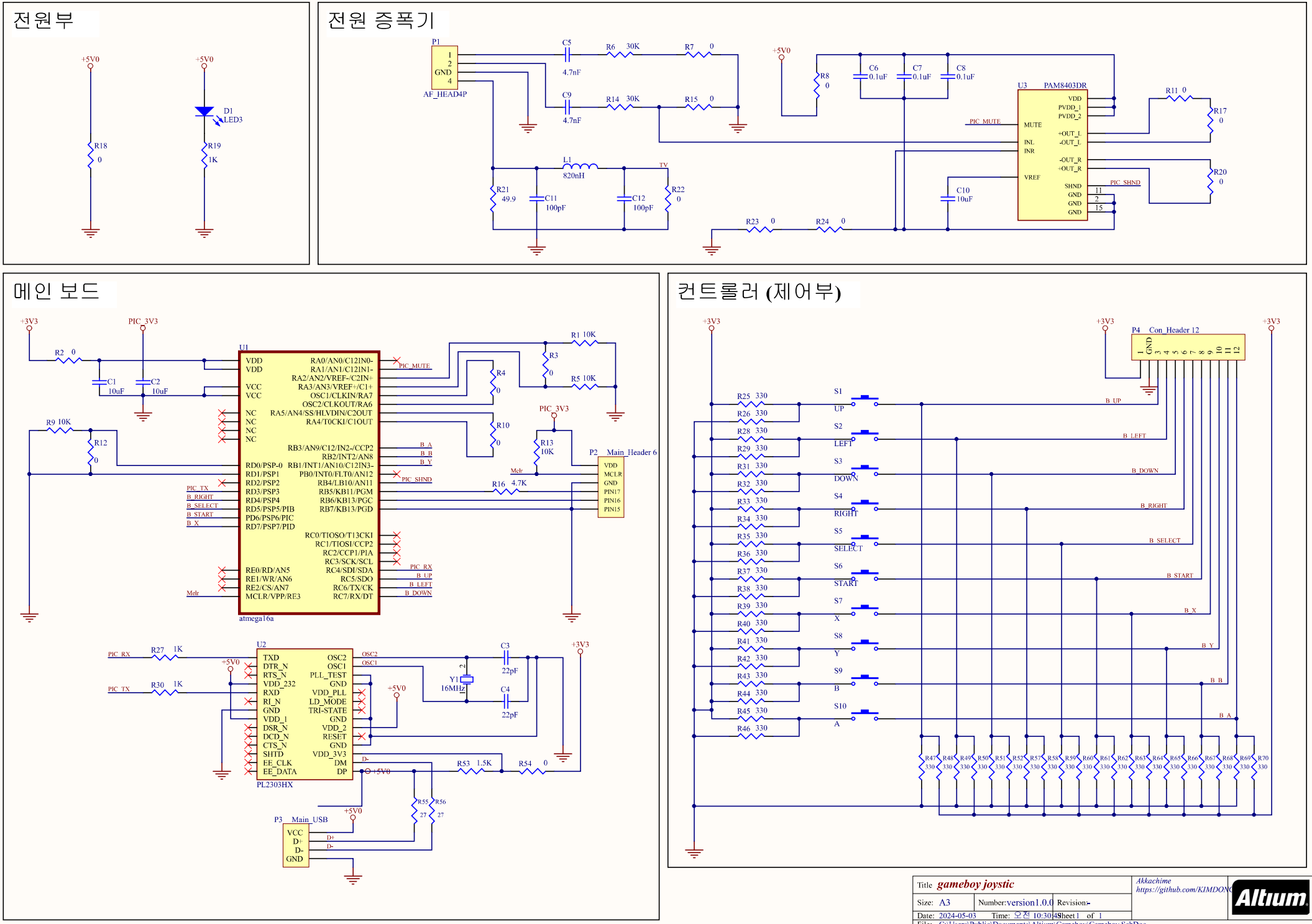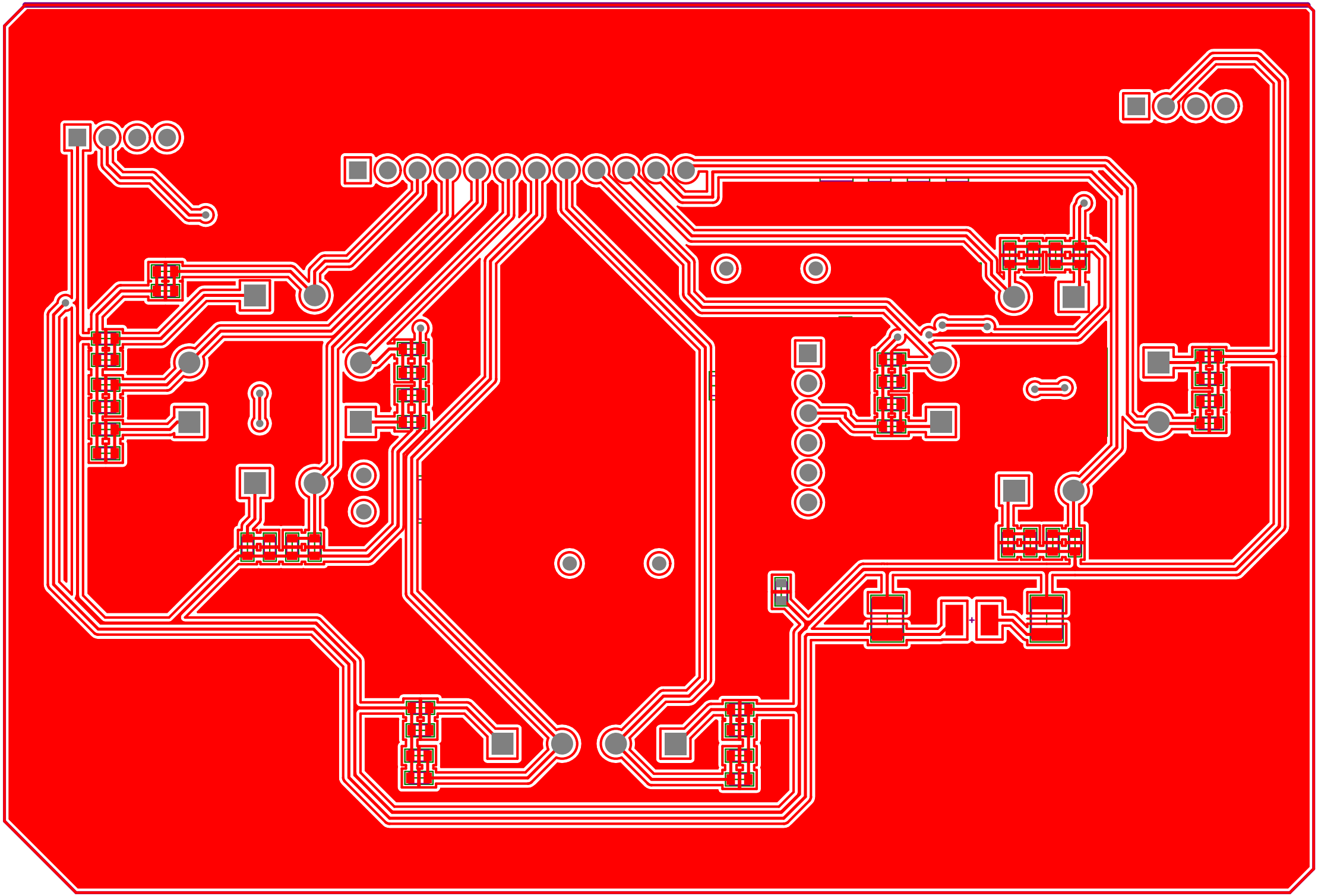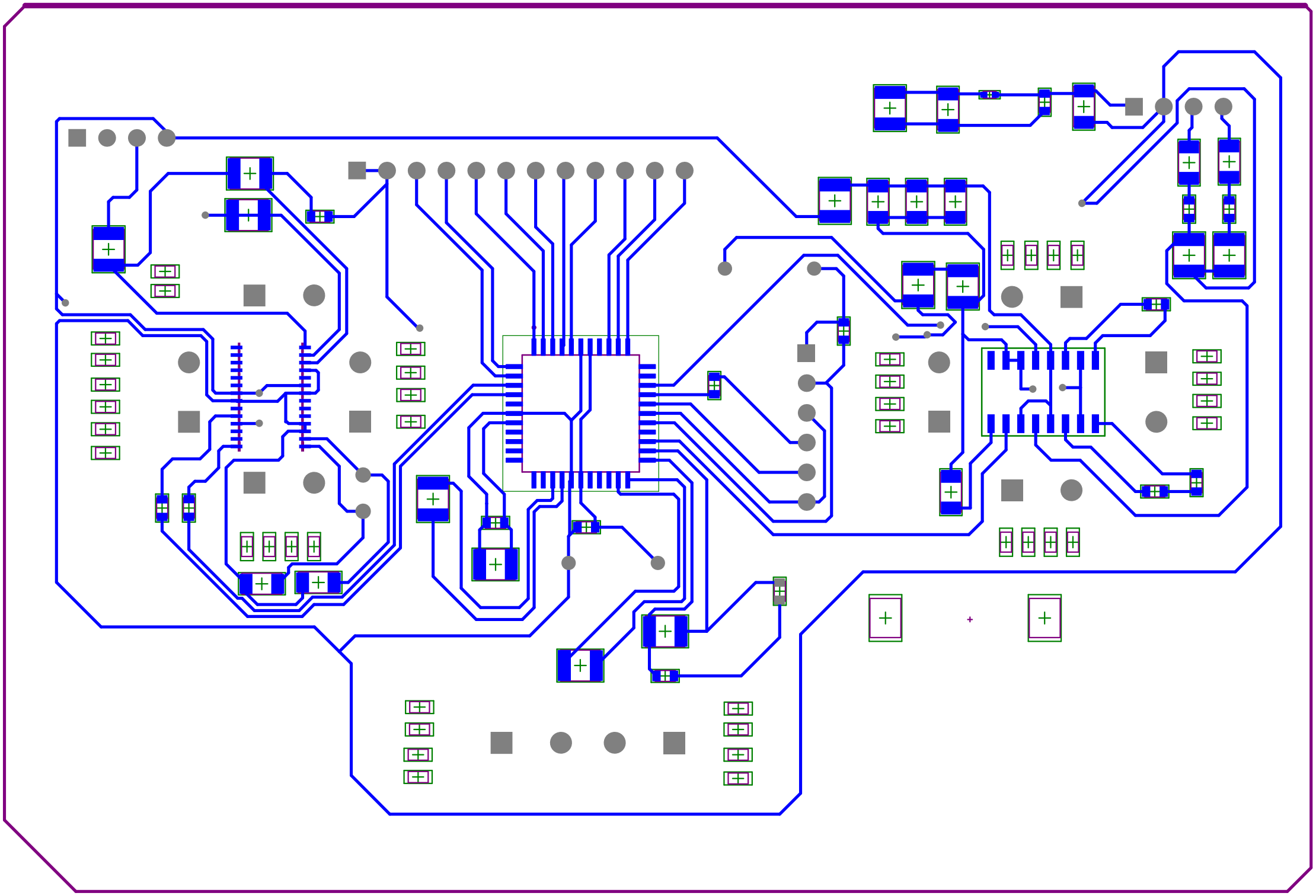
전원부
+5V0
R18
0
D1
LED3
R19
1K
전원 증폭기
P1
AF_HEAD4P
C5
4.7nF
R6 30K
R7 0
C9
4.7nF
R14 30K
R15 0
R8
0
C6
0.1uF
C7
0.1uF
C8
0.1uF
U3 PAM8403DR
PIC_MUTE
MUTE
INL
INR
VREF
VDD
PVDD_1
PVDD_2
+OUT_L
-OUT_L
-OUT_R
+OUT_R
SHND
GND
R11 0
R17
0
R20
0
PIC_SHND
C10
10uF
L1
820nH
TV
R21
49.9
C11
100pF
C12
100pF
R22
0
R23 0
R24 0
메인 보드
+3V3
PIC_3V3
R2 0
C1
10uF
C2
10uF
U1
atmega16a
VDD
VCC
NC
RA0/AN0/C12IN0-
RA1/AN1/C12IN1-
RA2/AN2/VREF-/C2IN+
RA3/AN3/VREF+/C1+
OSC1/CLKIN/RA7
OSC2/CLKOUT/RA6
RA5/AN4/SS/HLVDIN/C2OUT
RA4/T0CKI/C1OUT
RB3/AN9/C12/IN2-/CCP2
RB2/INT2/AN8
RB1/INT1/AN10/C12IN3-
PB0/INT0/FLT0/AN12
RB4/LB10/AN11
RB5/KB11/PGM
RB6/KB13/PGC
RB7/KB13/PGD
RD0/PSP-0
RD1/PSP1
RD2/PSP2
RD3/PSP3
RD4/PSP4
RD5/PSP5/PIB
PD6/PSP6/PIC
RD7/PSP7/PID
RC0/TIOSO/T13CKI
RC1/TIOSI/CCP2
RC2/CCP1/PIA
RC3/SCK/SCL
RC4/SDI/SDA
RC5/SDO
RC6/TX/CK
RC7/RX/DT
RE0/RD/AN5
RE1/WR/AN6
RE2/CS/AN7
MCLR/VPP/RE3
PIC_MUTE
B_A
B_B
B_Y
PIC_SHND
PIC_TX
B_RIGHT
B_SELECT
B_START
B_X
PIC_RX
B_UP
B_LEFT
B_DOWN
Mclr
R9 10K
R12
0
R1 10K
R3
0
R5 10K
R4
0
R10
0
R13
10K
R16 4.7K
P2 Main_Header 6
VDD
MCLR
GND
PIN17
PIN16
PIN15
U2
PL2303HX
TXD
DTR_N
RTS_N
VDD_232
RXD
RI_N
GND
VDD_1
DSR_N
DCD_N
CTS_N
SHTD
EE_CLK
EE_DATA
OSC2
OSC1
PLL_TEST
VDD_PLL
LD_MODE
TRI-STATE
VDD_2
RESET
VDD_3V3
DM
DP
D-
D+
R27 1K
R30 1K
Y1
16MHz
C3
22pF
C4
22pF
R53 1.5K
R54 0
R55
27
R56
27
P3 Main_USB
VCC
D+
D-
GND
컨트롤러 (제어부)
P4 Con_Header 12
R25 330
R26 330
R28 330
R29 330
R31 330
R32 330
R33 330
R34 330
R35 330
R36 330
R37 330
R38 330
R39 330
R40 330
R41 330
R42 330
R43 330
R44 330
R45 330
R46 330
S1
UP
S2
LEFT
S3
DOWN
S4
RIGHT
S5
SELECT
S6
START
S7
X
S8
Y
S9
B
S10
A
R47 330
R48 330
R49 330
R50 330
R51 330
R52 330
R57 330
R58 330
R59 330
R60 330
R61 330
R62 330
R63 330
R64 330
R65 330
R66 330
R67 330
R68 330
R69 330
R70 330
Title gameboy joystic
Size: A3
Number:version1.0.0
Revision-
Date: 2024-05-03
Time: 오전 10:30:48
Sheet 1 of 1
File: C:\Users\Public\Documents\Altium\Gameboy\Gameboy.SchDoc
Akkachime
https://github.com/KIMDONG
Altium