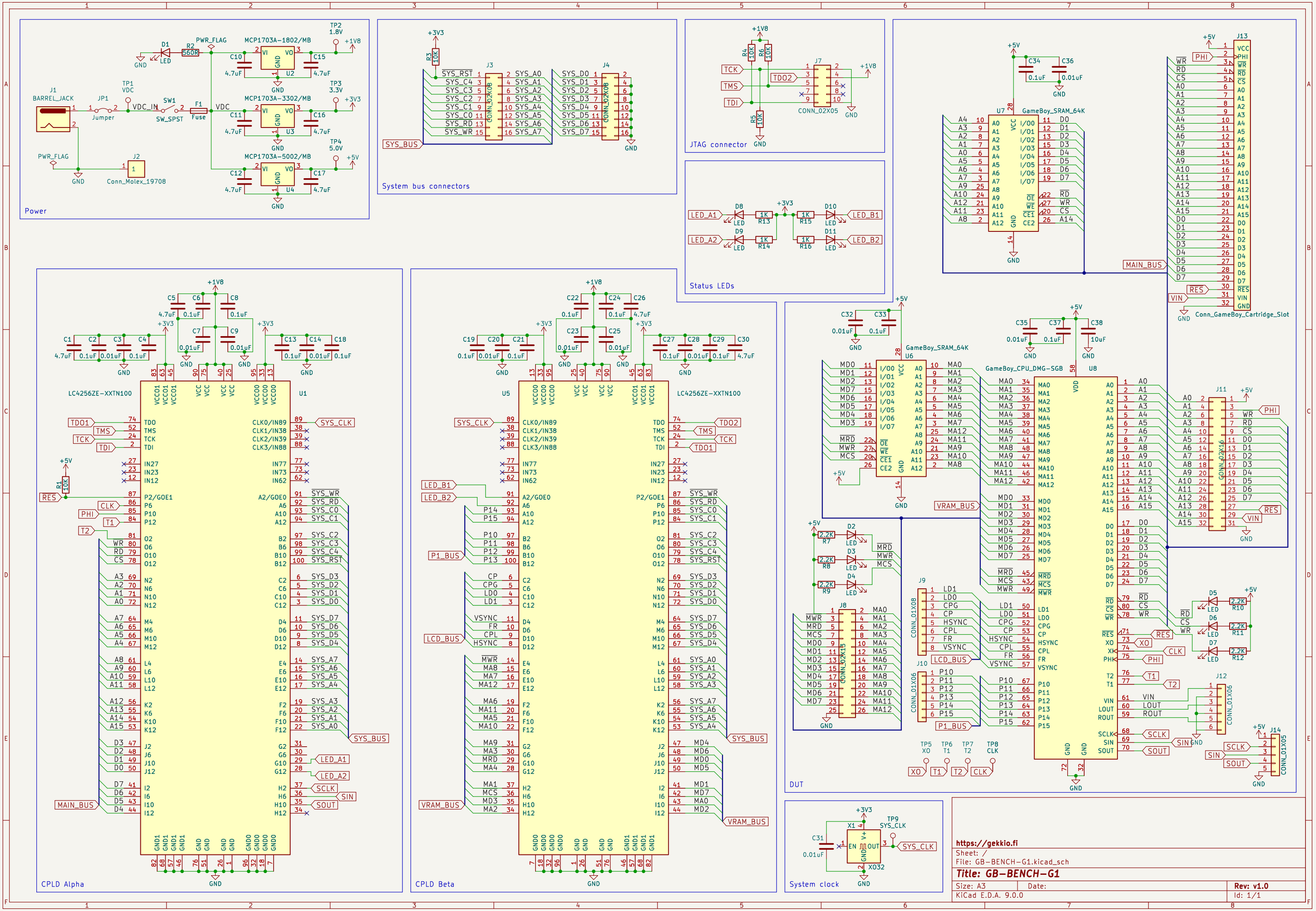
Power
J1
BARREL_JACK
JP1
Jumper
TP1
VDC
VDC_IN
SW1
SW_SPST
F1
Fuse
VDC
PWR_FLAG
D1
LED
R2
560R
MCP1703A-1802/MB
MCP1703A-3302/MB
MCP1703A-5002/MB
TP2
1.8V
+1V8
TP3
3.3V
+3V3
TP4
5.0V
+5V
J2
Conn_Molex_19708
GND
System bus connectors
R3
10K
J3
J4
CONN_02X08
SYS_BUS
JTAG connector
R4
10K
R6
10K
R5
10K
TCK
TMS
TDI
TDO2
J7
CONN_02X05
Status LEDs
LED_A1
LED_A2
LED_B1
LED_B2
D8
D9
D10
D11
R13
R14
R15
R16
1K
CPU
LC4256ZE-XXTN100
U1
U5
TDO1
TDO2
SYS_CLK
RES
CLK
PHI
T1
T2
LED_B1
LED_B2
P1_BUS
LCD_BUS
VRAM_BUS
MAIN_BUS
SYS_BUS
LED_A1
LED_A2
SCLK
SIN
SOUT
CPLD Alpha
CPLD Beta
DUT
U7
GameBoy_SRAM_64K
U6
GameBoy_SRAM_64K
U8
GameBoy_CPU_DMG-SGB
J13
Conn_GameBoy_Cartridge_Slot
J11
CONN_02X16
J8
CONN_02X15
J9
CONN_01X08
J10
CONN_01X06
J12
CONN_01X06
J14
CONN_01X05
D2
D3
D4
D5
D6
D7
R7
R8
R9
R10
R11
R12
2.2K
TP5
TP6
TP7
TP8
XO
CLK
System clock
X1
X032
C31
0.01uF
TP9
SYS_CLK
https://gekkio.fi
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Rev: v1.0
KiCad E.D.A. 9.0.0
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