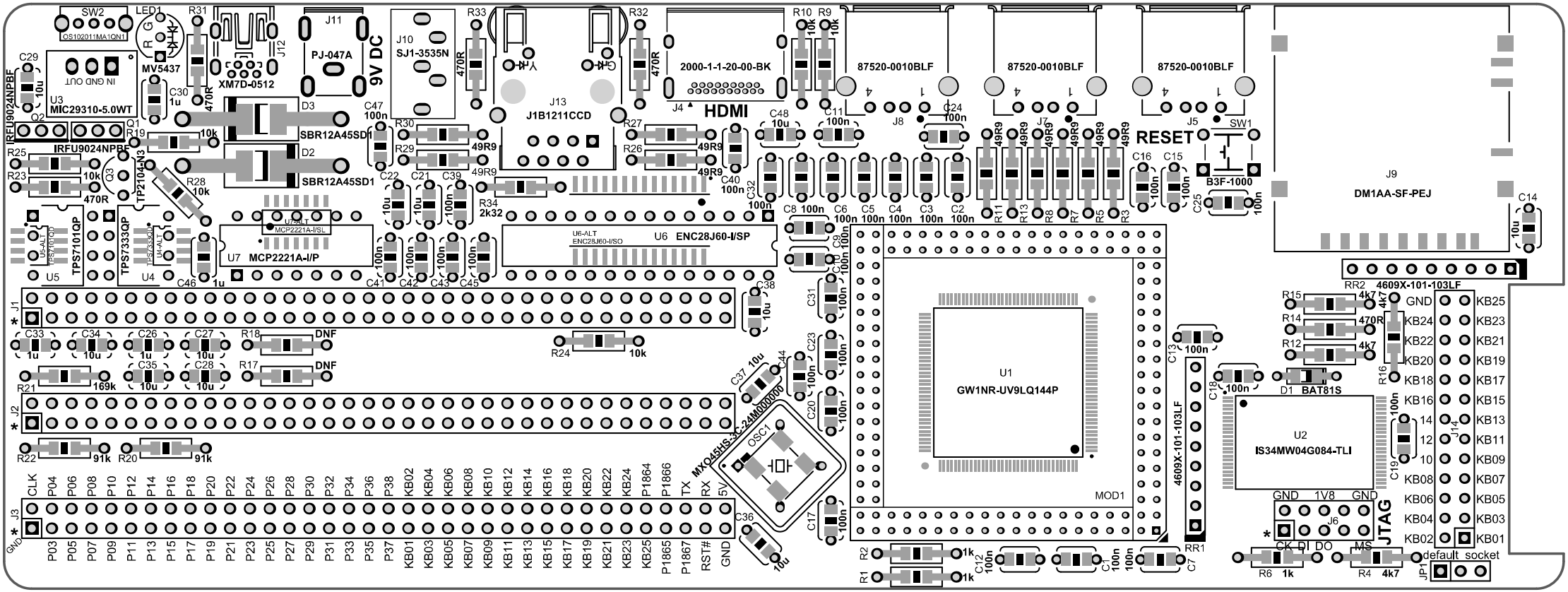
SW2
OS102011MA1QN1
LED1
R G
R31
470R
J11
PJ-047A
9V DC
J10
SJ1-3535N
R33
470R
R32
470R
R10 10k
R9 10k
2000-1-1-20-00-BK
87520-0010BLF
87520-0010BLF
87520-0010BLF
J9
DM1AA-SF-PEJ
C14
10u
C29
10u
IN GND OUT
U3
MIC29310-5.0WT
MV5437
C30
1u
J12
XM7D-0512
D3
SBR12A45SD1
D2
SBR12A45SD1
C47
100n
R30
R29
49R9
49R9
R27
R26
49R9
49R9
C40
100n
J13
J1B1211CCD
J4
HDMI
C48
10u
C11
100n
J8
C24
100n
J7
J5
SW1
RESET
B3F-1000
C16
C15
C25
100n
IRFU9024NPBF
Q2
Q1
R19
10k
IRFU9024NPBF
R25
R23
10k
470R
Q3
TP2104-N3
R28
10k
R34
2k32
C22
C21
C39
10u
10u
100n
U7-ALT
MCP2221A-I/SL
U7 MCP2221A-I/P
U6-ALT
ENC28J60-I/SO
U6 ENC28J60-I/SP
C32
100n
C8 100n
C6 100n
C5 100n
C4 100n
C3 100n
C2 100n
R11
R13
R8
R7
R5
R3
C9
C10
C31
C23
C20
C17
C44
C37 10u
C36
10u
U5-ALT
TPS7101QP
U5
TPS7101QP
U4-ALT
TPS7333QP
U4
TPS7333QP
C46
1u
C41
C42
C43
C45
100n
J1
J2
J3
C38
10u
C33
1u
C34
10u
C26
1u
C27
10u
C35
10u
C28
10u
R18
DNF
R17
DNF
R24
10k
R21
169k
R22
91k
R20
91k
MXO45HS-3C-24M000000
OSC1
U1
GW1NR-UV9LQ144P
MOD1
C13
100n
C18
100n
4609X-101-103LF
RR1
C7
R2
R1
1k
1k
C12
100n
C1
100n
100n
RR2
4609X-101-103LF
R15
R14
R12
4k7
470R
4k7
R16
D1
BAT81S
U2
IS34MW04G084-TLI
C19
100n
J14
GND
1V8
GND
J6
JTAG
CK
DI
DO
MS
R6
1k
R4
4k7
JP1
default
socket
GND
CLK
P04
P06
P08
P10
P12
P14
P16
P18
P20
P22
P24
P26
P28
P30
P32
P34
P36
P38
KB02
KB04
KB06
KB08
KB10
KB12
KB14
KB16
KB18
KB20
KB22
KB24
P1864
P1866
TX
RX
5V
P03
P05
P07
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KB01
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P1865
P1867
RST#
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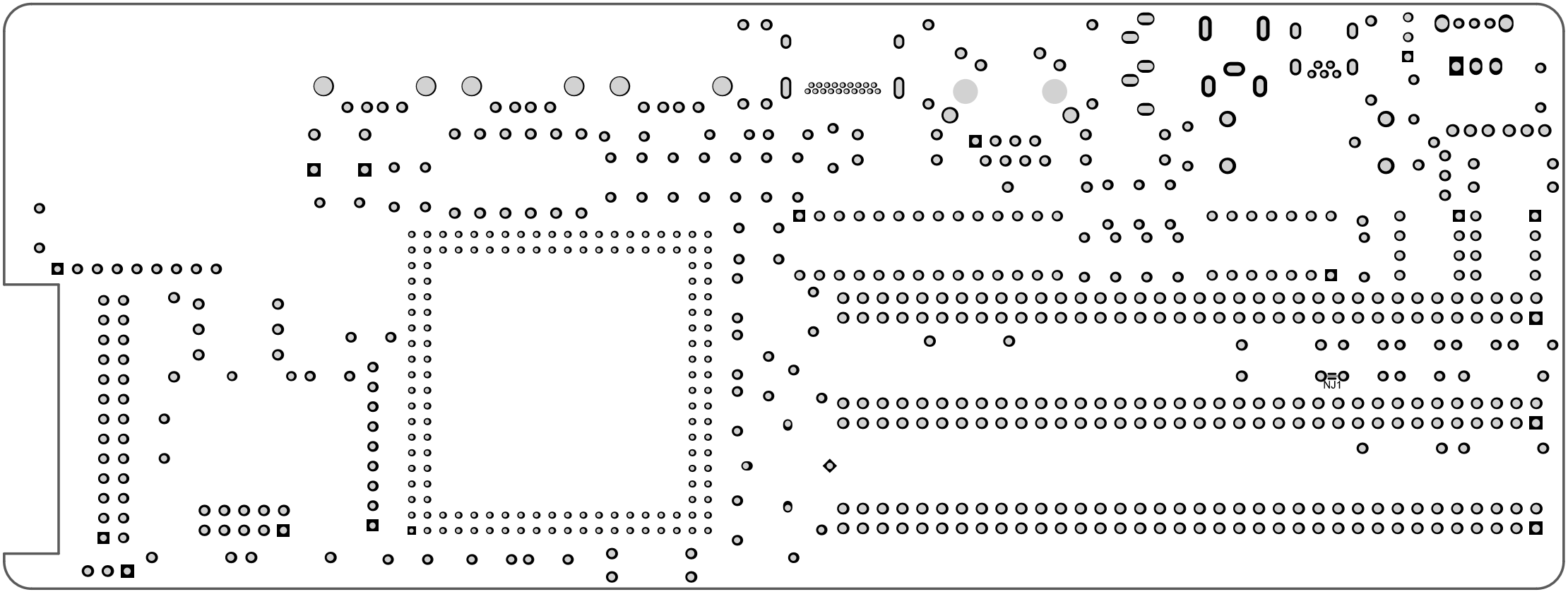
KB03
KB01


NJ1