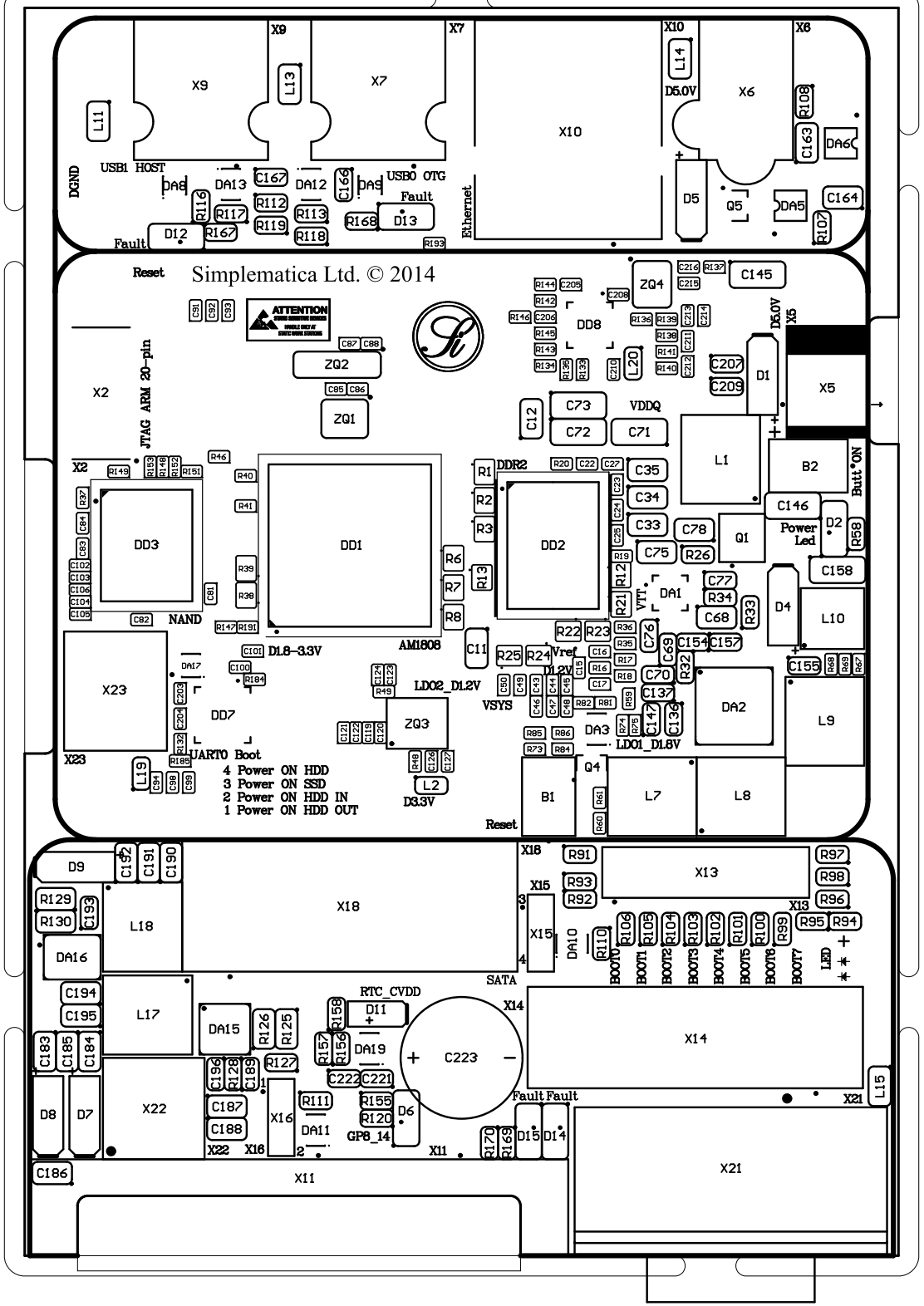
Simplematica Ltd. © 2014
X9
X7
X10
X6
L11
L13
L14
D5.0V
R108
C163
DA6
USB1 HOST
DGND
DA8
DA13
C167
DA12
C166
DA9
USB0 OTG
Fault
R116
R117
R112
R113
R168
D13
Ethernet
D5
Q5
DA5
C164
R107
D12
R167
R119
R118
R193
Reset
ZQ4
C216
R137
C145
C215
R144
C205
R142
C208
DD8
R146
C206
R136
R139
C213
C214
R145
R138
R143
R141
R134
R135
R133
C210
L20
R140
C212
C207
C209
D1
X5
X2
JTAG ARM 20-pin
ZQ2
C87
C88
C85
C86
ZQ1
C12
C73
C72
VDDQ
C71
L1
B2
Butt ON
R46
R149
R153
R148
R152
R151
R40
R41
R1
DDR2
R20
C22
C27
C35
C34
C33
C78
Q1
C146
D2
Power Led
R58
R37
C84
C83
DD3
DD1
R2
R3
DD2
C75
R26
C158
C102
C103
C106
C104
C105
R39
R38
R6
R7
R8
R13
R12
R21
VTT
DA1
C77
R34
C68
R33
D4
L10
C82
NAND
R147
R191
AM1808
C11
R22
R23
R36
C76
C69
C154
C157
C155
R68
R69
R67
C101
D1.8-3.3V
R25
R24
Vref
D1.2V
C16
R16
R17
R18
C70
R32
C137
C100
R184
DA17
X23
C203
C204
C124
C123
R49
LDO2_D1.2V
C50
C49
C43
C44
C45
C15
C17
VSYS
C46
C47
C48
R82
R81
R59
C147
C136
DA2
L9
DD7
ZQ3
C121
C122
C119
C120
R85
R86
DA3
R74
R75
R73
R84
LDO1_D1.8V
R132
R185
UART0 Boot
R48
C126
C127
Q4
L19
C94
C98
C99
4 Power ON HDD
3 Power ON SSD
2 Power ON HDD IN
1 Power ON HDD OUT
L2
D3.3V
B1
R61
L7
L8
R60
Reset
D9
C192
C191
C190
X18
R91
X13
R97
R98
R129
R130
C193
L18
X15
R93
R92
R96
R95
R94
DA16
DA10
R110
R106
R105
R104
R103
R102
R101
R100
R99
BOOT0
BOOT1
BOOT2
BOOT3
BOOT4
BOOT5
BOOT6
BOOT7
LED
SATA
C194
C195
L17
RTC_CVDD
D11
X14
DA15
R126
R125
R158
R157
R156
DA19
C223
C183
C185
C184
R127
C196
R128
C189
C222
C221
L15
D8
D7
X22
C187
C188
X16
R111
R155
R120
D6
Fault
Fault
X21
DA11
GP8_14
R170
R169
D15
D14
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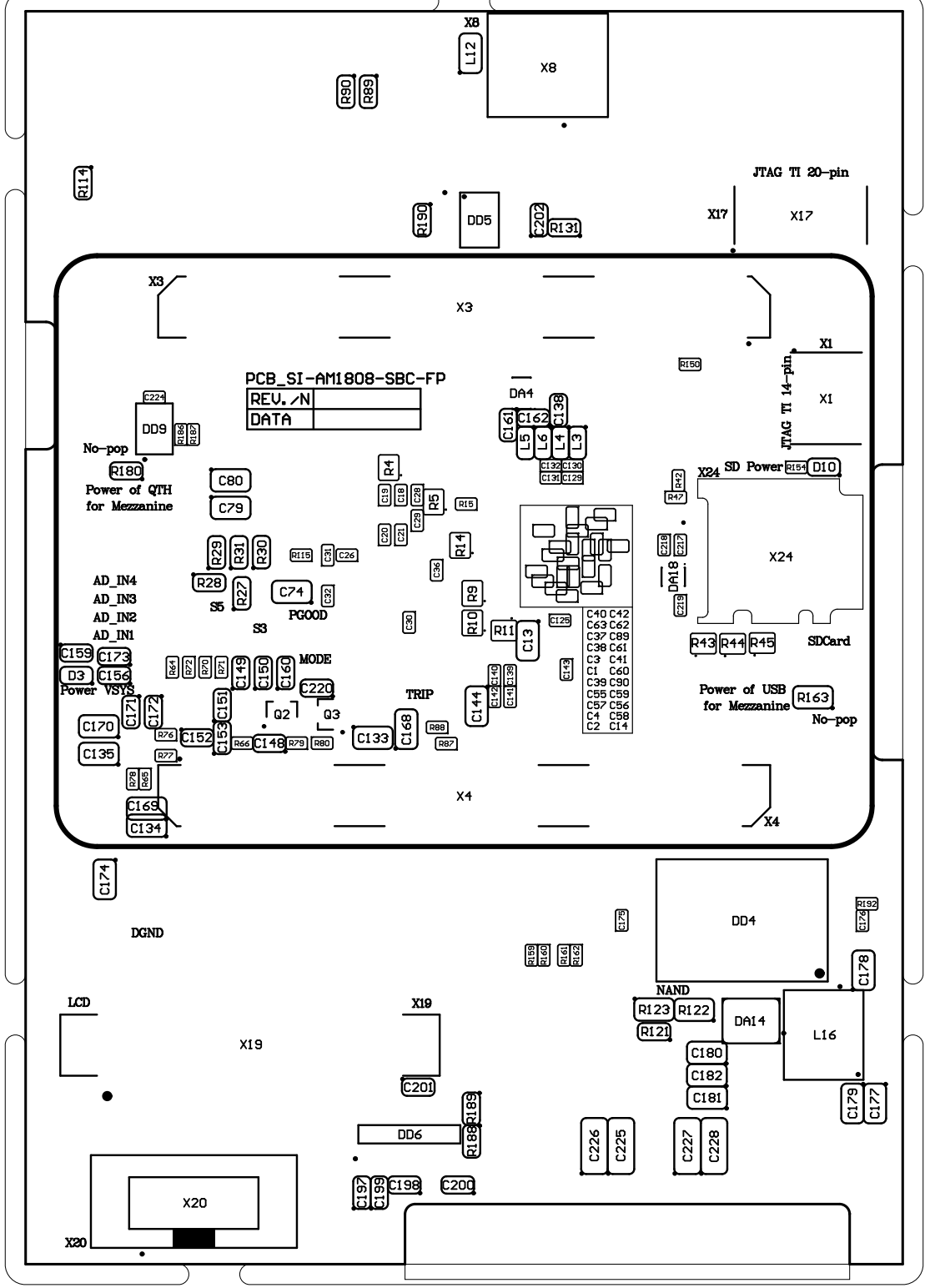
X11
X21


PCB_SI-AM1808-SBC-FP
REV./N
DATA
JTAG TI 20-pin
JTAG TI 14-pin
SD Power
SDCard
No-pop
Power of QTH
for Mezzanine
Power VSYS
Power of USB
for Mezzanine
AD_IN4
AD_IN3
AD_IN2
AD_IN1
S5
S3
PGOOD
MODE
TRIP
DGND
LCD
NAND
X1
X3
X4
X8
X17
X19
X20
X24
DD4
DD5
DD6
DD9
DA4
DA14
DA18
L16
Q2
Q3