EMU

2

1

P8 0   1   0   1   A   P10

PRU0   PRU1

↓10V   U1   U31   U30

U22   TP2   U35 U33   IO

U2   TP1   EMU

TP3   U32

−6V ↑   U3

U20   U4   TP4   U13

ABC   U10   A

↑6V   U11   U15

↓5V   U40 U12 U36 U14

U19   U25   U38   B

NES Lab   U27   U23

Shepherd   U9

v2.5c

L5V   U28 U34   U24 IO

P2   ←L3V   EMU

U17 U21   U6 U39 U37 U26 U41

U5   U7 U29   U8

U18

7V   J1 1   B

17V   P9 2   P11

GND GND 1

17V Max

PWR
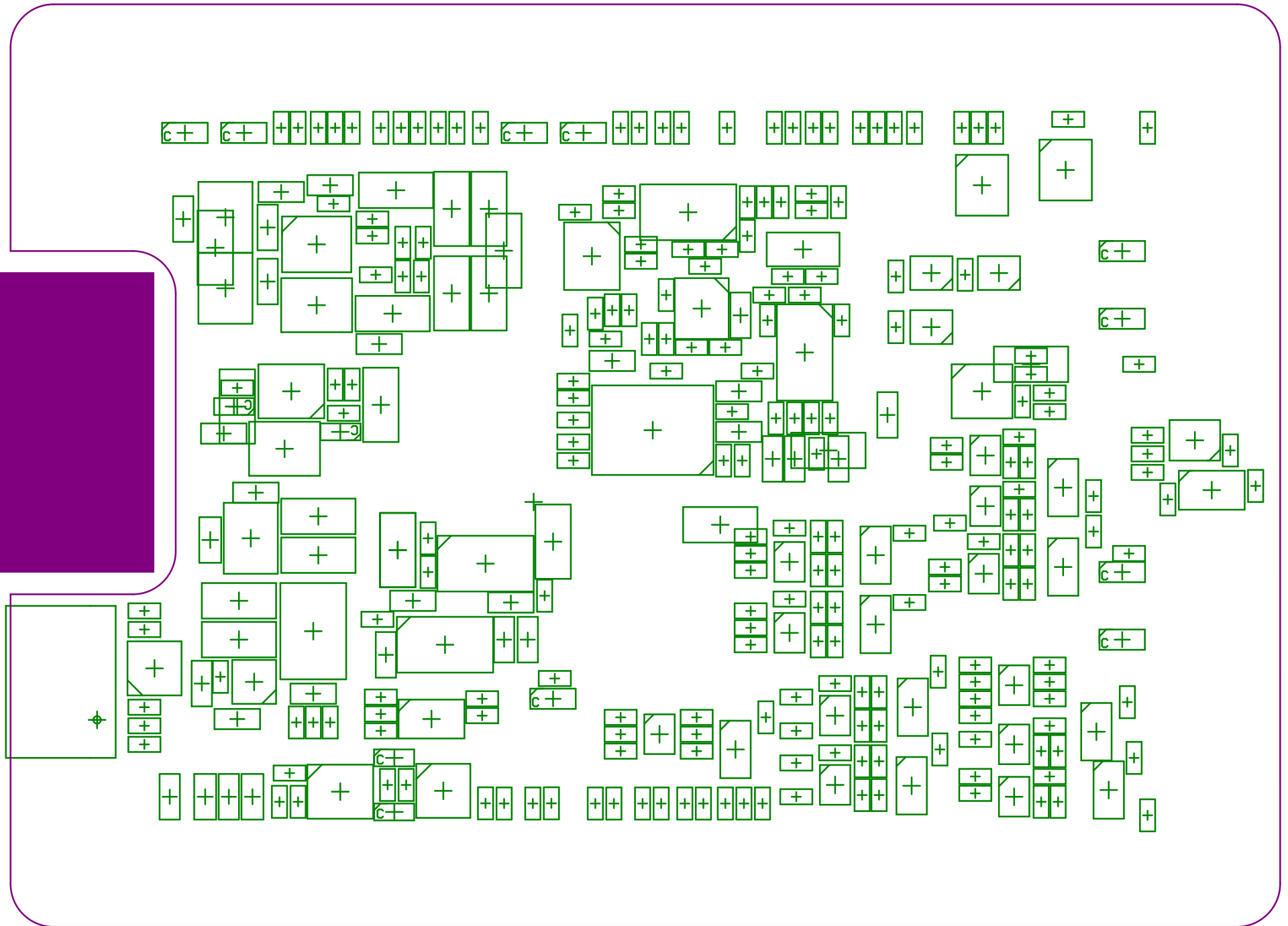
Routing:
L1: short all dir
L3: horizontal - down
L4: vertical - up
L6: vertical - down

Future AD can convert to QR
shepherd.nes-lab.org

(0,0)

D5 D7 R93 R91 R107 R134 R133 R59 R103 C84 R61 R60 R62 D6 D8 R94 R92 R22 R23 R69 R72 R67 R85 R86 R124 R125 R126 R127 R78 R77 C136 C129 NT2 C118

U31 U30

C76 L8 C117 C111 C110 C146 C112 C133 R7 R3 U1 C147 C149 R130 R128 R18 C148 U31

C107 R111 C108 R110 U22 U2 C12 R2 R1 R9 C127 U35 C128 U33 D3

L9 C154 C106 R108 R109 C104 C98 C116 C145 C13 TP1 C1 R131 R132 R12 C157 C35 U13 D16

L12 C114 C115 NT1 NT4 R4 C11 C4 C5 R5 C141 R8 M2 U32 C109 C155 C6 U3 C121

C91 U20 R105 R104 C82 C2 R6 C10 C25 C3 C105 R10 C8 C16 U10 C32 C33 C34 R73 R58

D12 C81 D11 NT6 NT5 R11 C62 TP4 C7 C26 C18 C156 C144 C17 C69 R30 U11 C100 C114 R31 C36 U15 R56

C92 L5 C21 C20 U4 C22 C23 C9 C19 C14 C48 R112 R113 R57 U14 C71

C103 C102 C101 R13 L3 C83 C85 C93 U19 C68 C135 R118 C41 R63 U12 R117 R116 R115 R33 U36 U38 C126 C123 NT3

C80 R100 C27 C96 C90 C87 C86 C88 R36 R17 U25 R39 R40 R38 U40 C64 R32 R34 U23 R37 R35 C120 D4

P2 T2 C28 C30 U5 C24 R96 R95 R90 U17 R89 D13 R106 C97 C95 R46 U6 R55 C46 R19 R20 U27 R24 R42 R25 R43 U9 C40 C49 C130 C124 R47 U24 R121 D17

R102 R97 R21 C31 R16 R15 R14 U21 C78 R44 C43 C38 R80 C65 R28 R26 R119 R120 R50 R79 C122 U41

C29 L1 C77 L2 R101 R99 U18 C132 R98 T1 R64 R65 R87 R88 R84 R83 R66 R68 R71 R81 R75 R74 R76 R70 U7 R29 R27 R45 U37 R52 U29 R53 R54 U26 C137 C138 U8 C119

C79 D14 D10 R82 R123 U39 C44 C42 C125 C139 R48 R49 R51