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sa2013_mains_control.pcb

COMPONENT SIDE

top, scale = 1:1.000
sa2013_mains_control.pcb

(c) astx@aws-it.at
PCB Rev 1.0 20120617

SOLDER SIDE
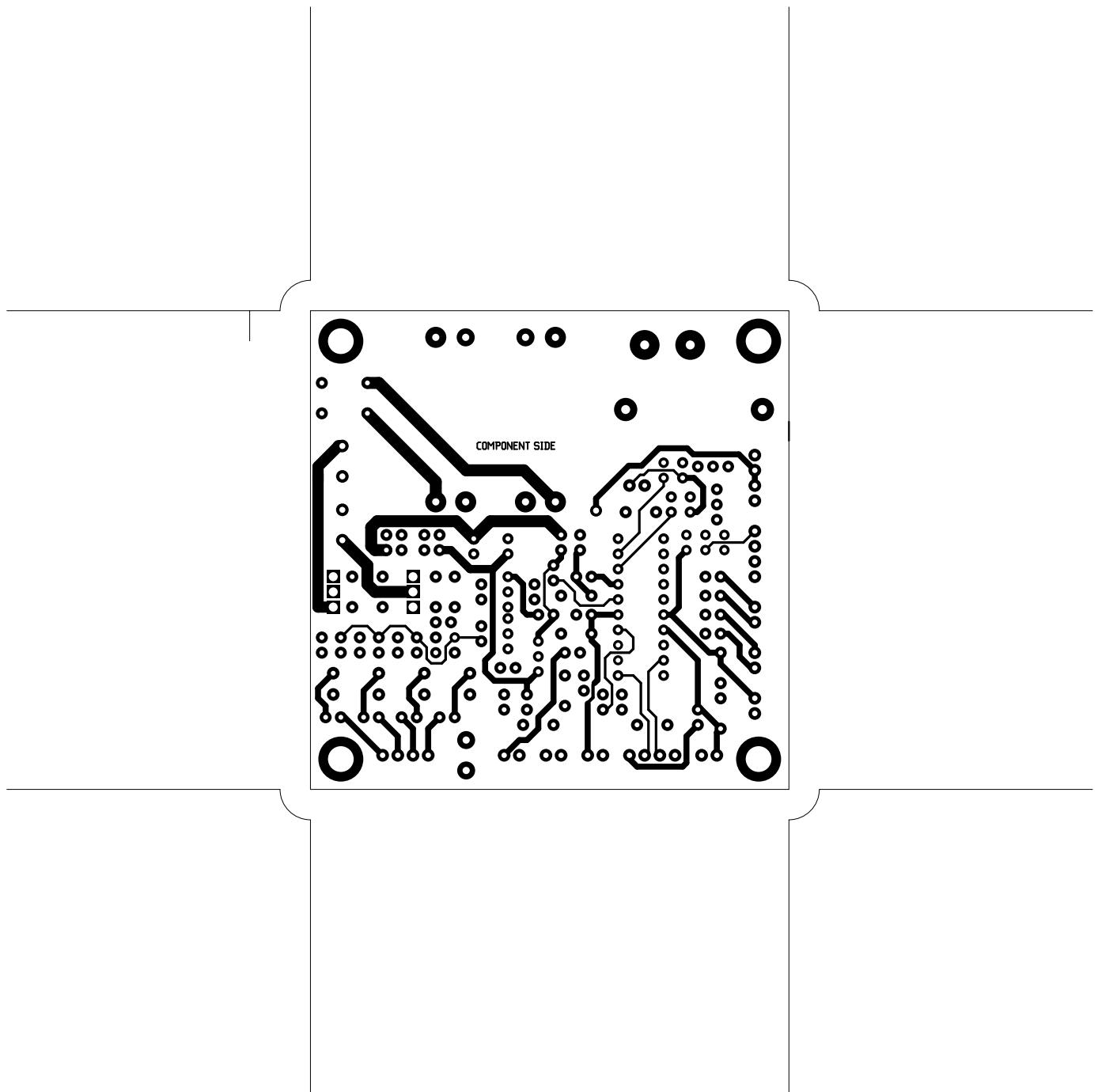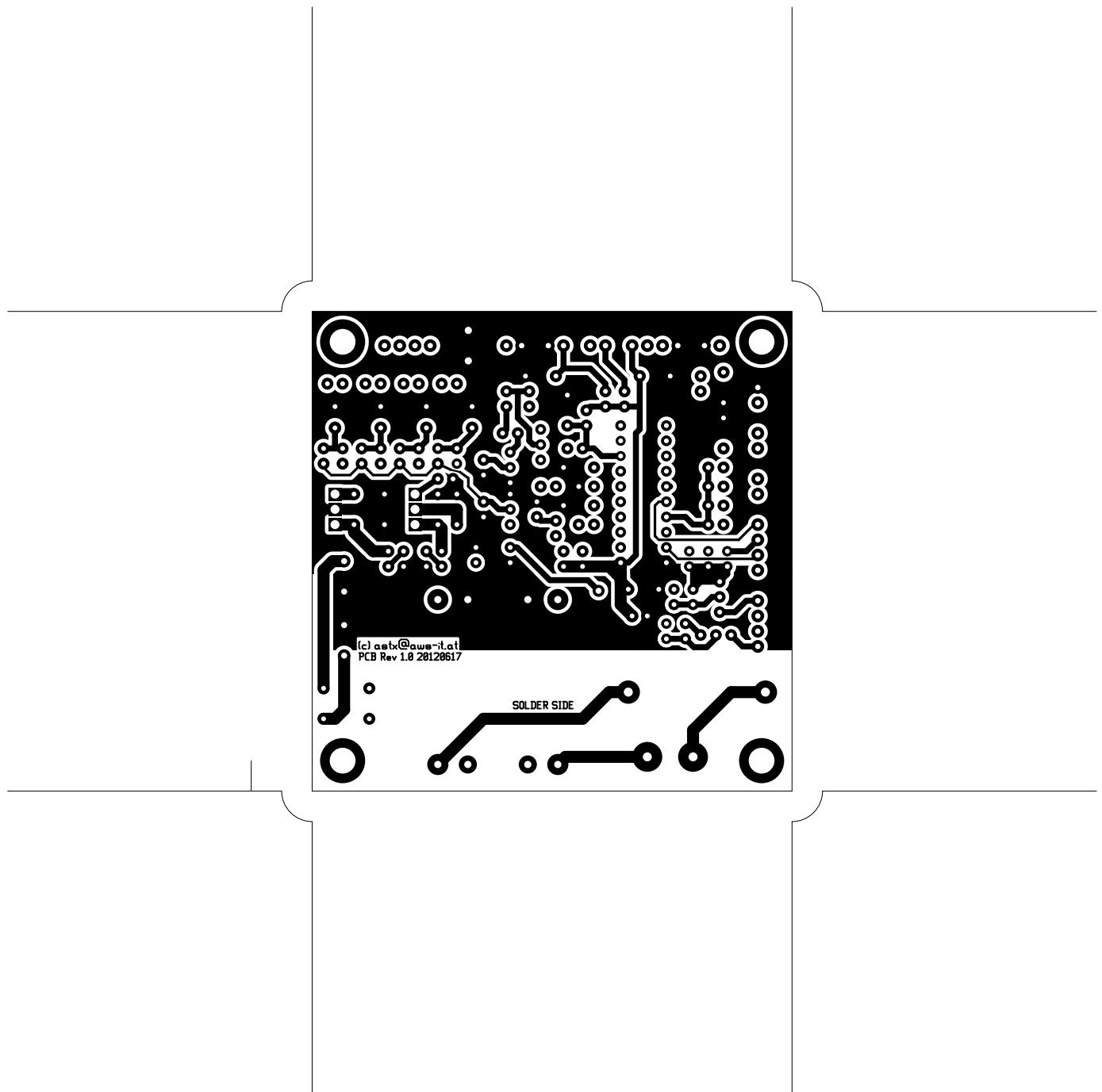
bottom (mirrored), scale = 1:1.000
sa2013_mains_control.pcb
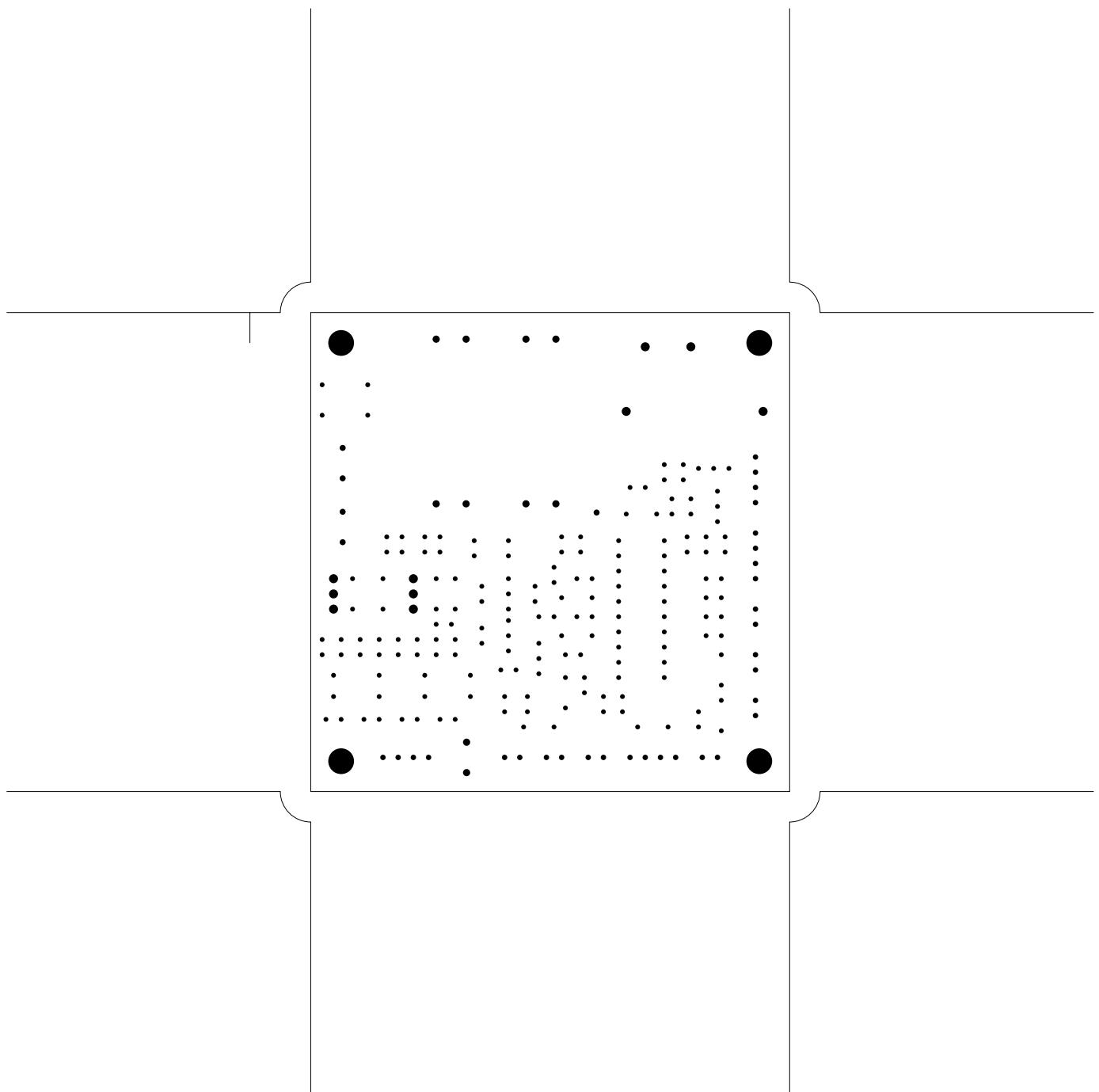
plated-drill, scale = 1:1.000
sa2013_mains_control.pcb
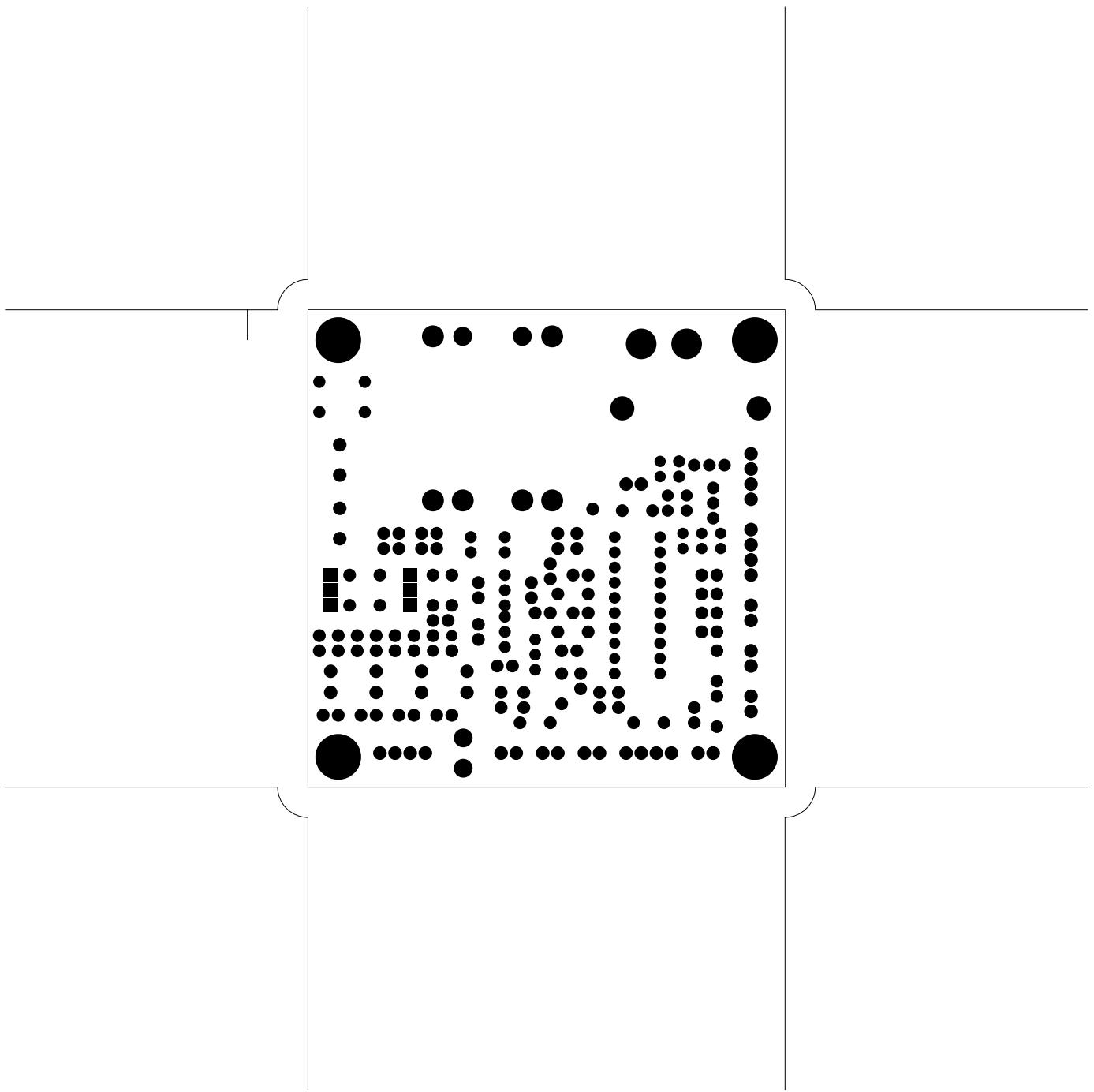
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sa2013_mains_control.pcb
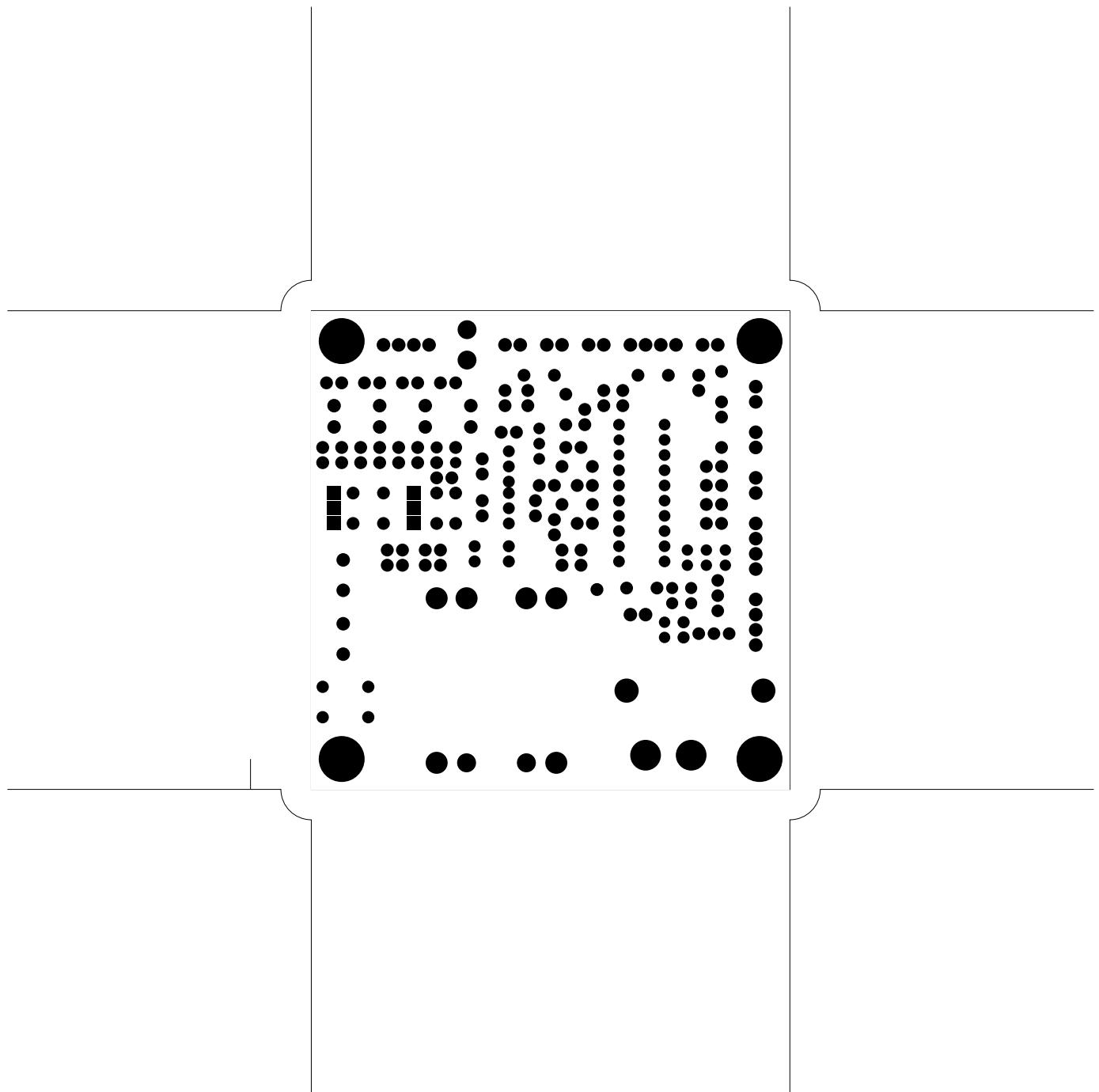
bottommask (mirrored), scale = 1:1.000
sa2013_mains_control.pcb
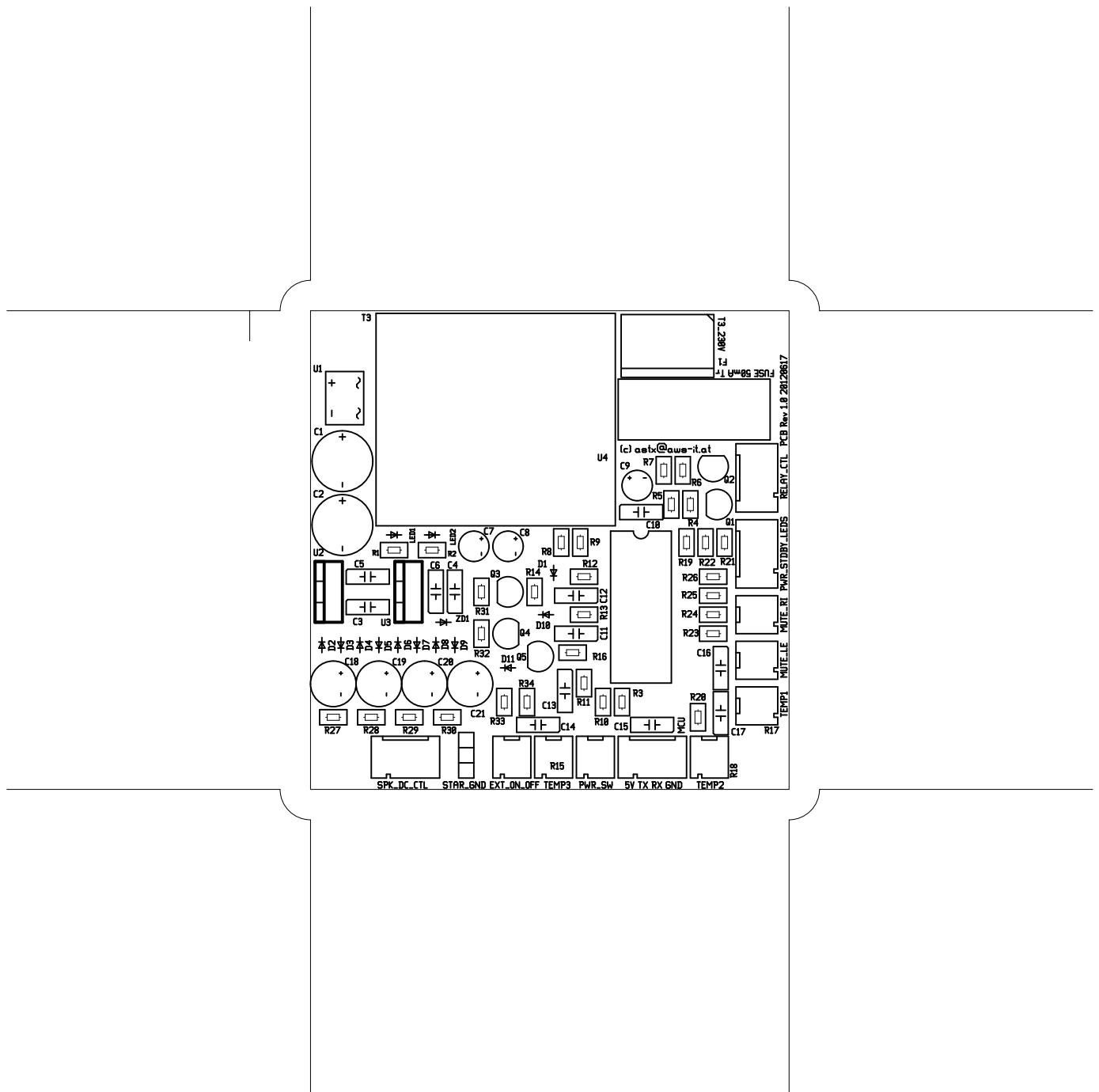
topsilk, scale = 1:1.000
sa2013_mains_control.pcb
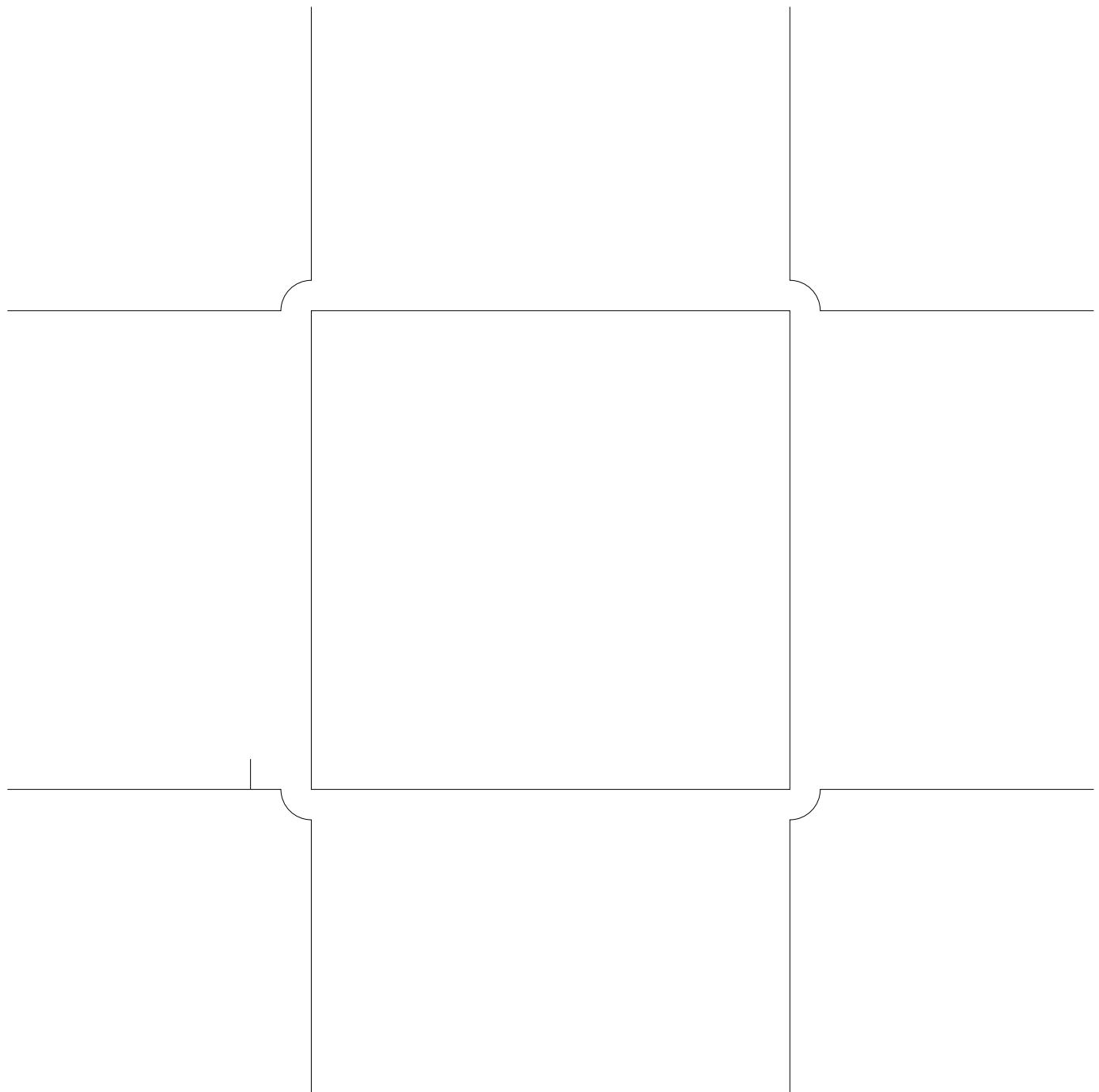
bottomsilk (mirrored), scale = 1:1.000
sa2013_mains_control.pcb

COMPONENT SIDE

T3

U1

C1

C2

U2

T3 230V
F1
FUSE 50mA T

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RELAY_CTL   PCB Rev 1.0 20120617

U4

C9 R7

R5 R6 Q2

C10 R4 Q1

PWR_STDBY_LEDS

LED1 LED2

C7 C8

C5 C6 C4

R8 C8 R9

D1 R12

R14 C12

R31 R13 C11

ZD1

Q3

Q4 D10

D11 Q5

R32

R34

C13

R33

R15

R16

R11 R10 R3

C14 C15 C16 MCU

R20

R17 C17

R18

R19 R22 R21

R26

R25

R24

R23

MUTE_RI

MUTE_LE

TEMP1

C18 C19 C20

C21

R27 R28 R29 R30

SPK_DC_CTL   STAR_GND EXT_ON_OFF TEMP3 PWR_SW   5V TX RX GND   TEMP2
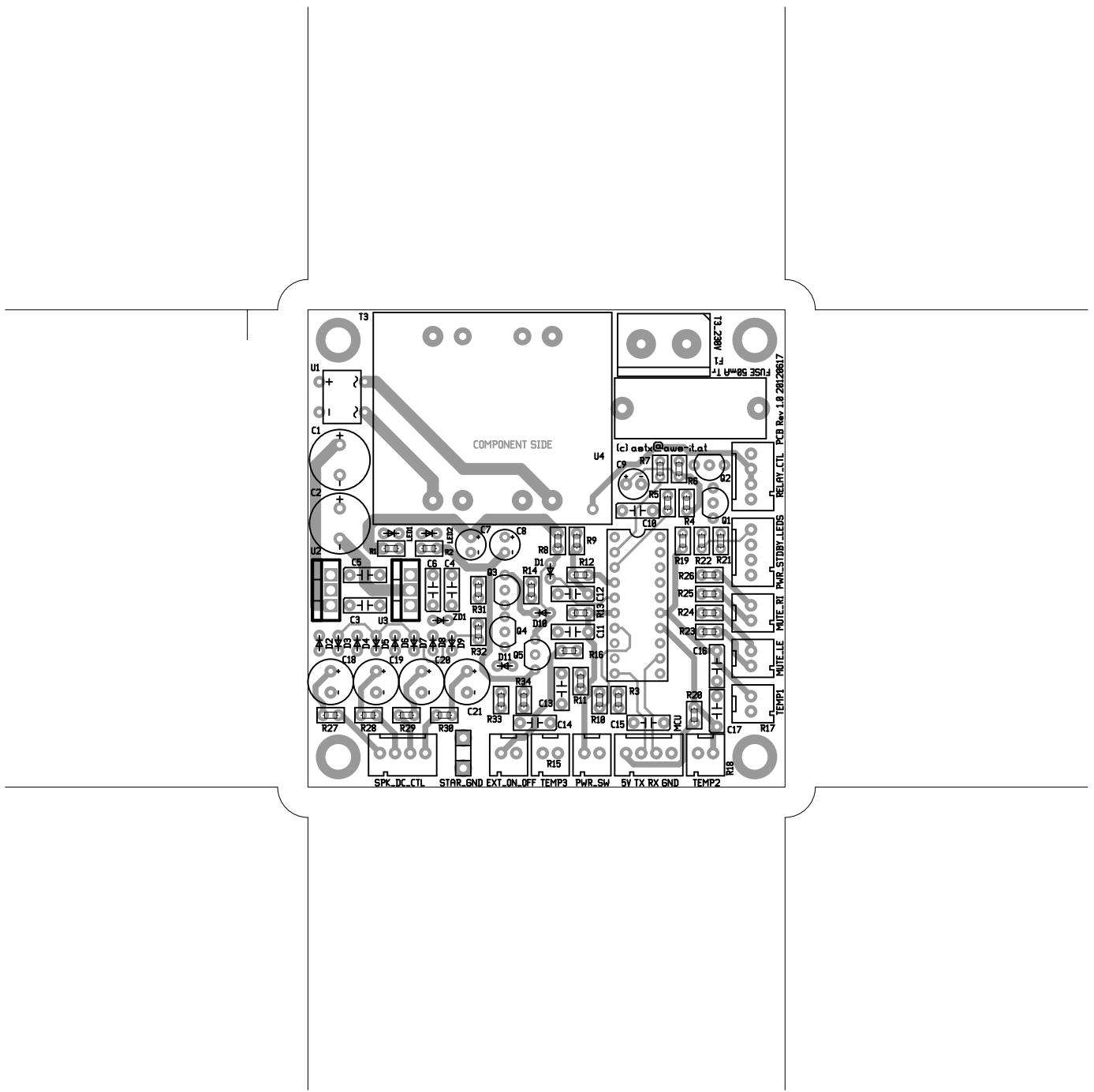
topassembly, scale = 1:1.000
sa2013_mains_control.pcb

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SOLDER SIDE
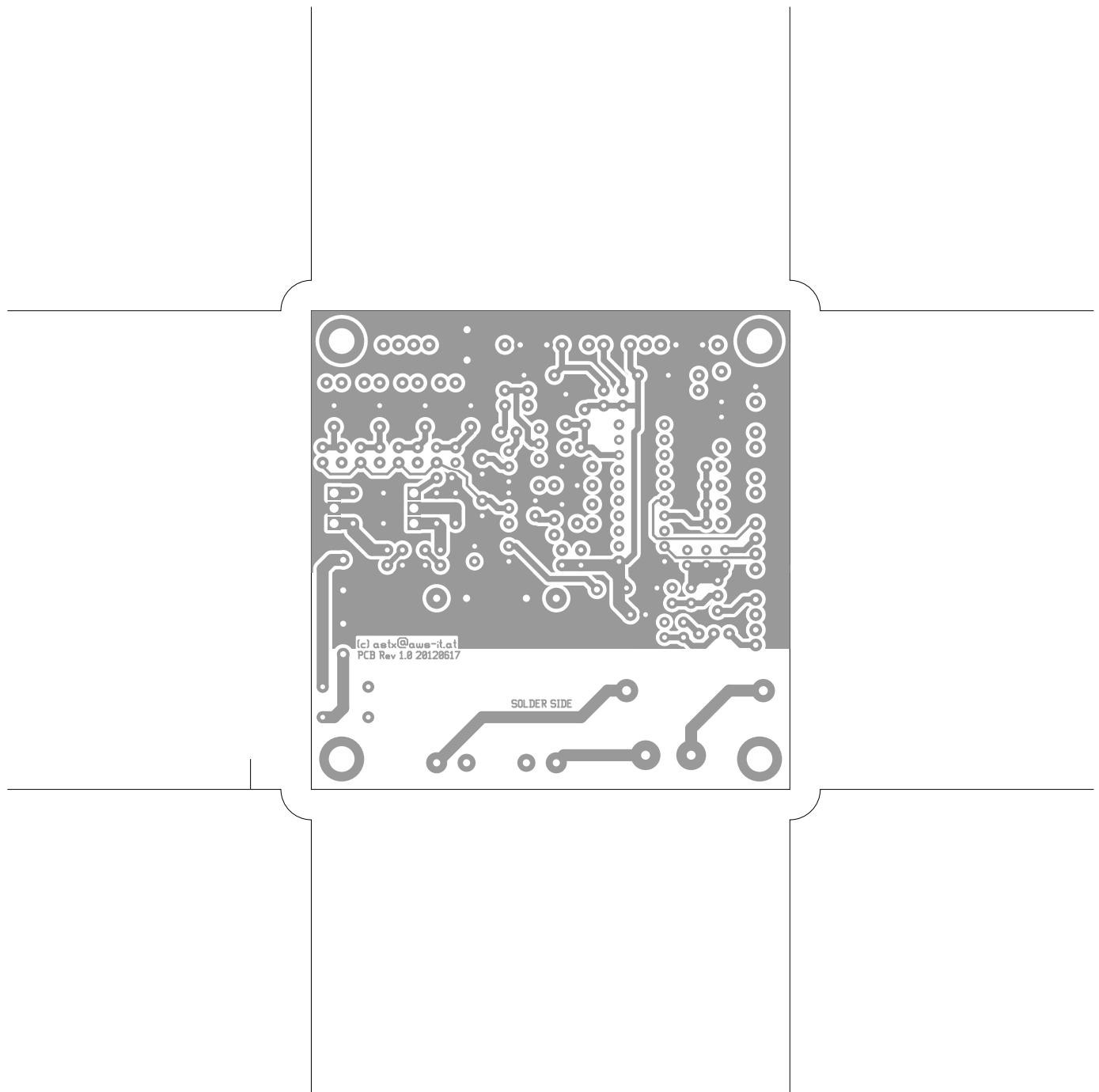
bottomassembly (mirrored), scale = 1:1.000
sa2013_mains_control.pcb

There are 6 different drill sizes used in this layout, 226 holes total

Symbol	Diam. (Inch)	Count	Plated?
⊤	0.031	167	YES
+	0.035	30	YES
×	0.039	5	YES
∘	0.047	10	YES
□	0.059	10	YES
▽	0.170	4	YES

Title: (unknown) – Fabrication Drawing

Author: toni

Date: Sat Jul 26 14:45:19 2014 UTC

Maximum Dimensions: 3149.606299 mils wide, 3149.606299 mils high
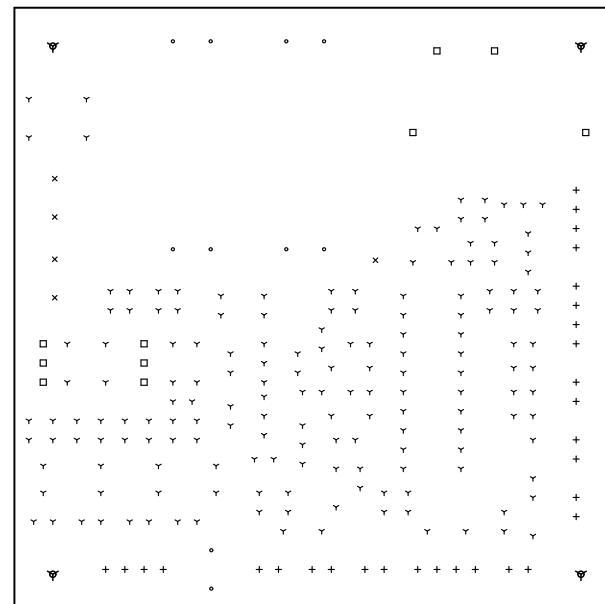
Board outline is the centerline of this 8.000000 mil rectangle – 0,0 to 3149.606299/3149.606299 mils

fab, scale = 1:1.000
sa2013_mains_control.pcb