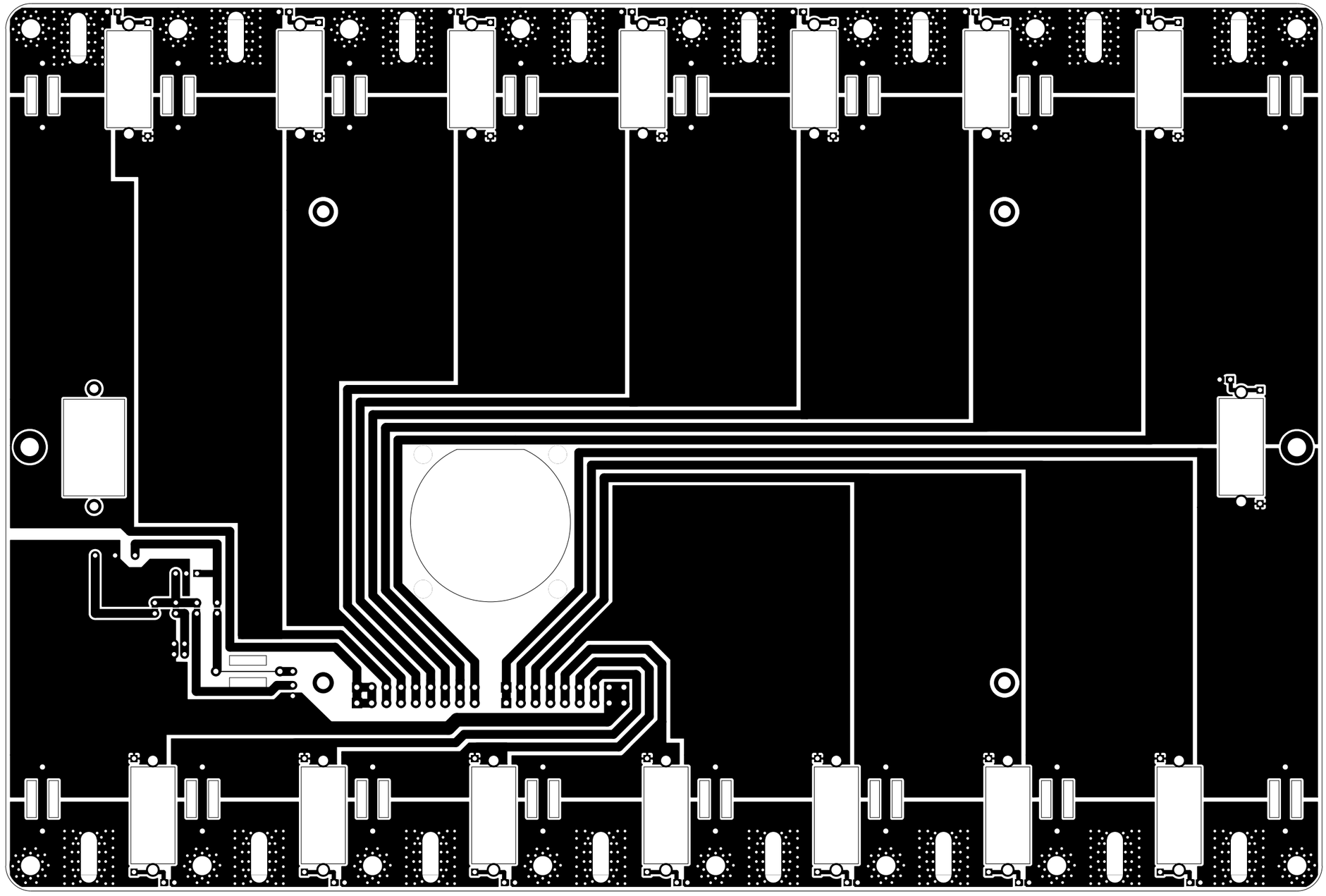
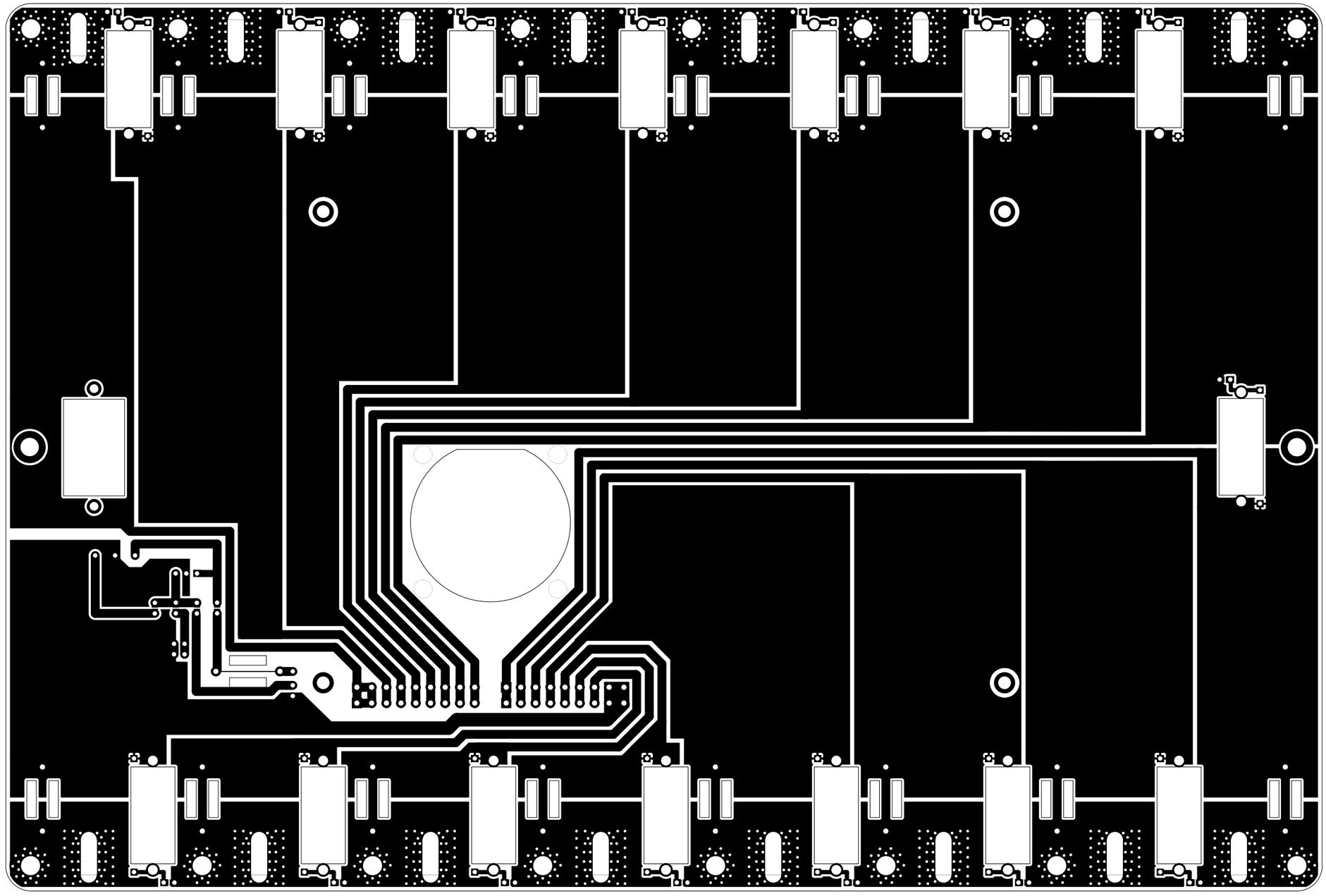
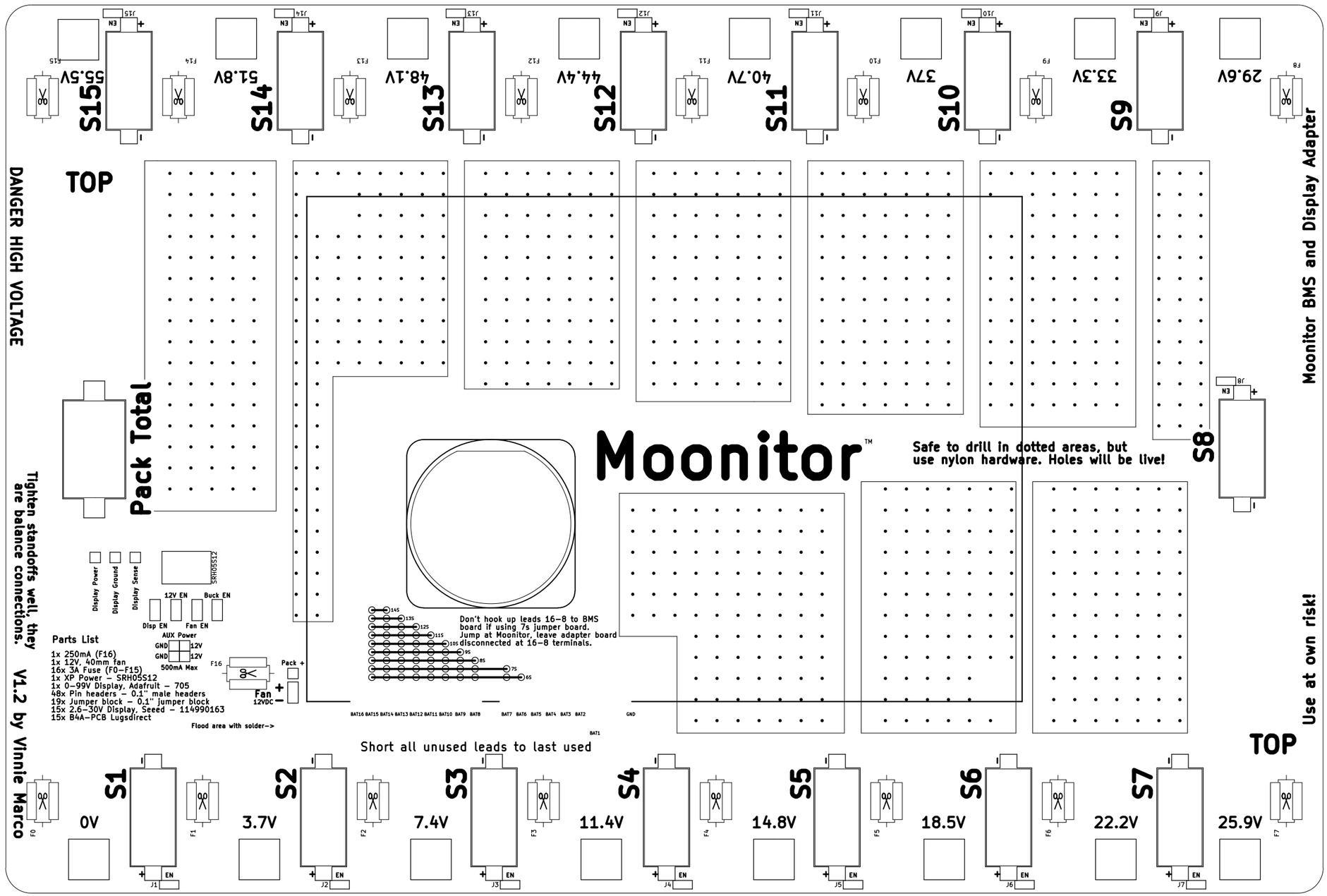
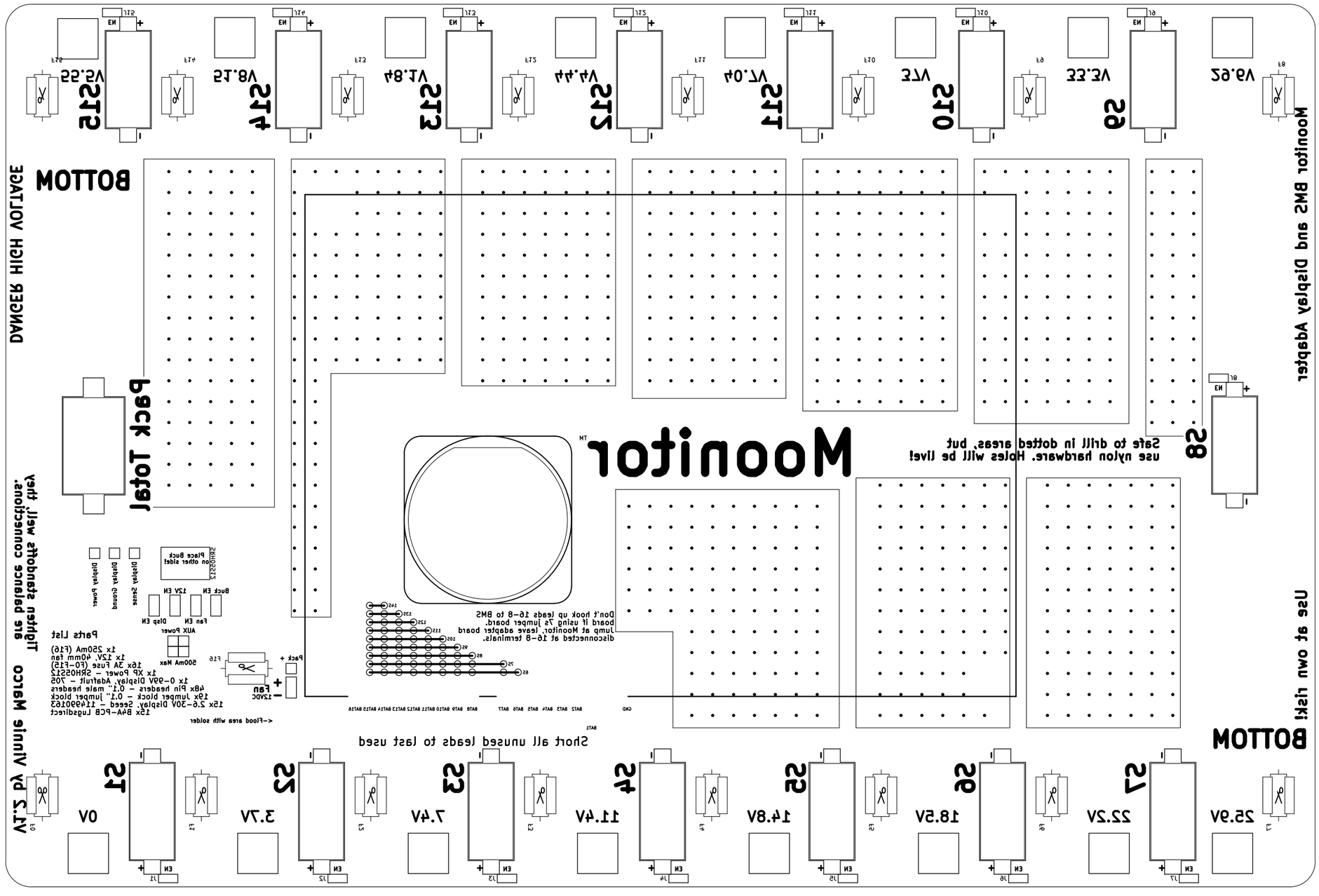
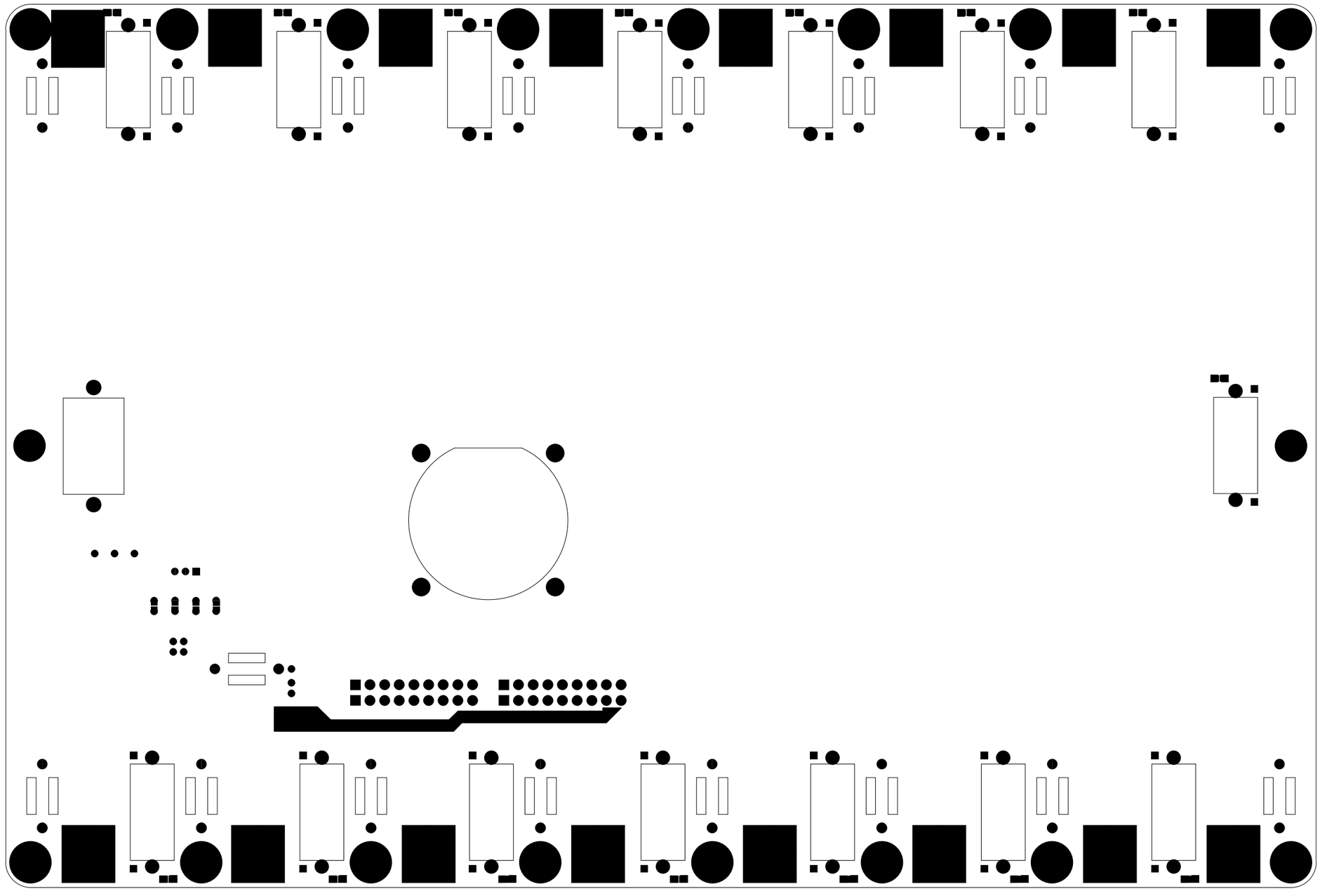
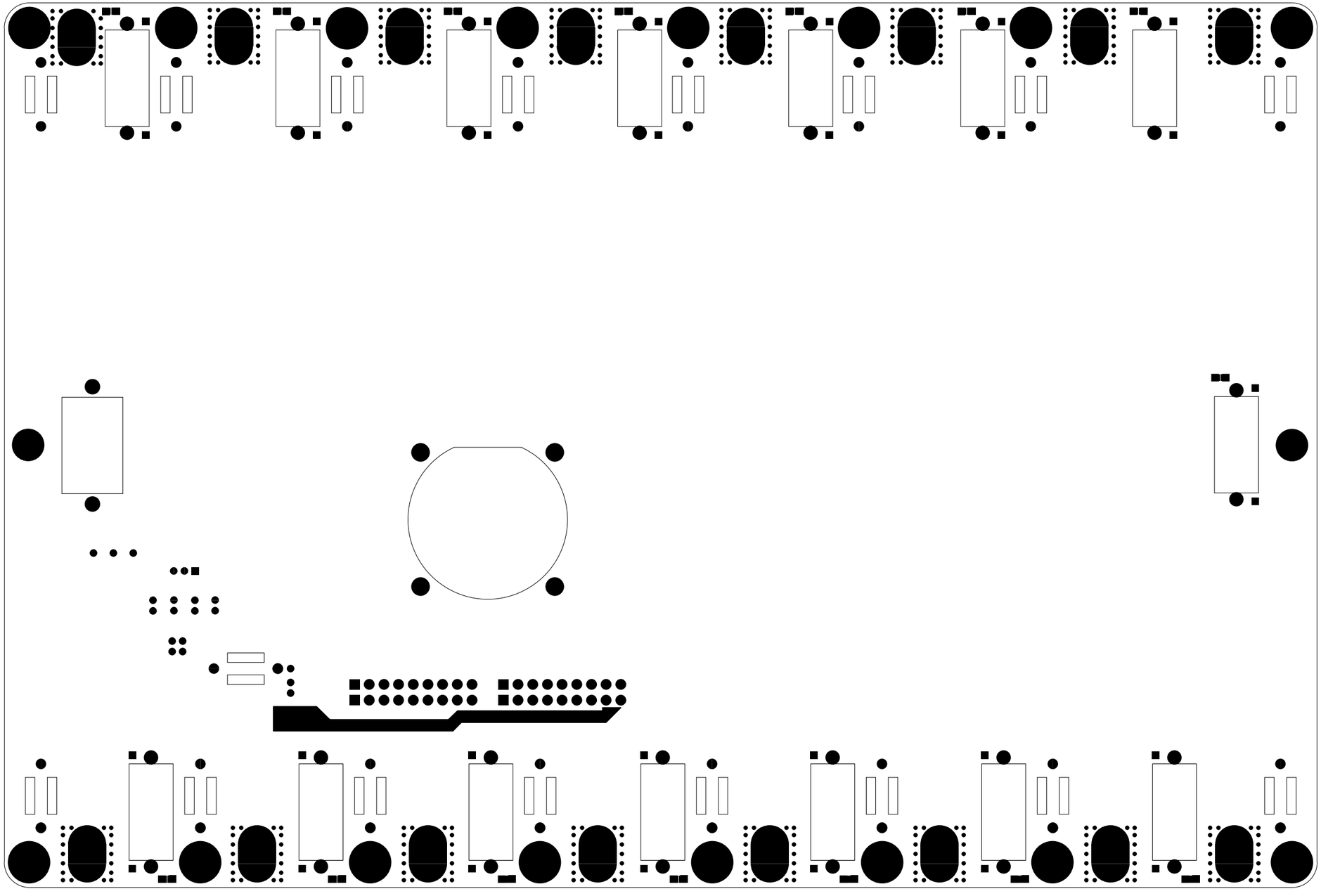
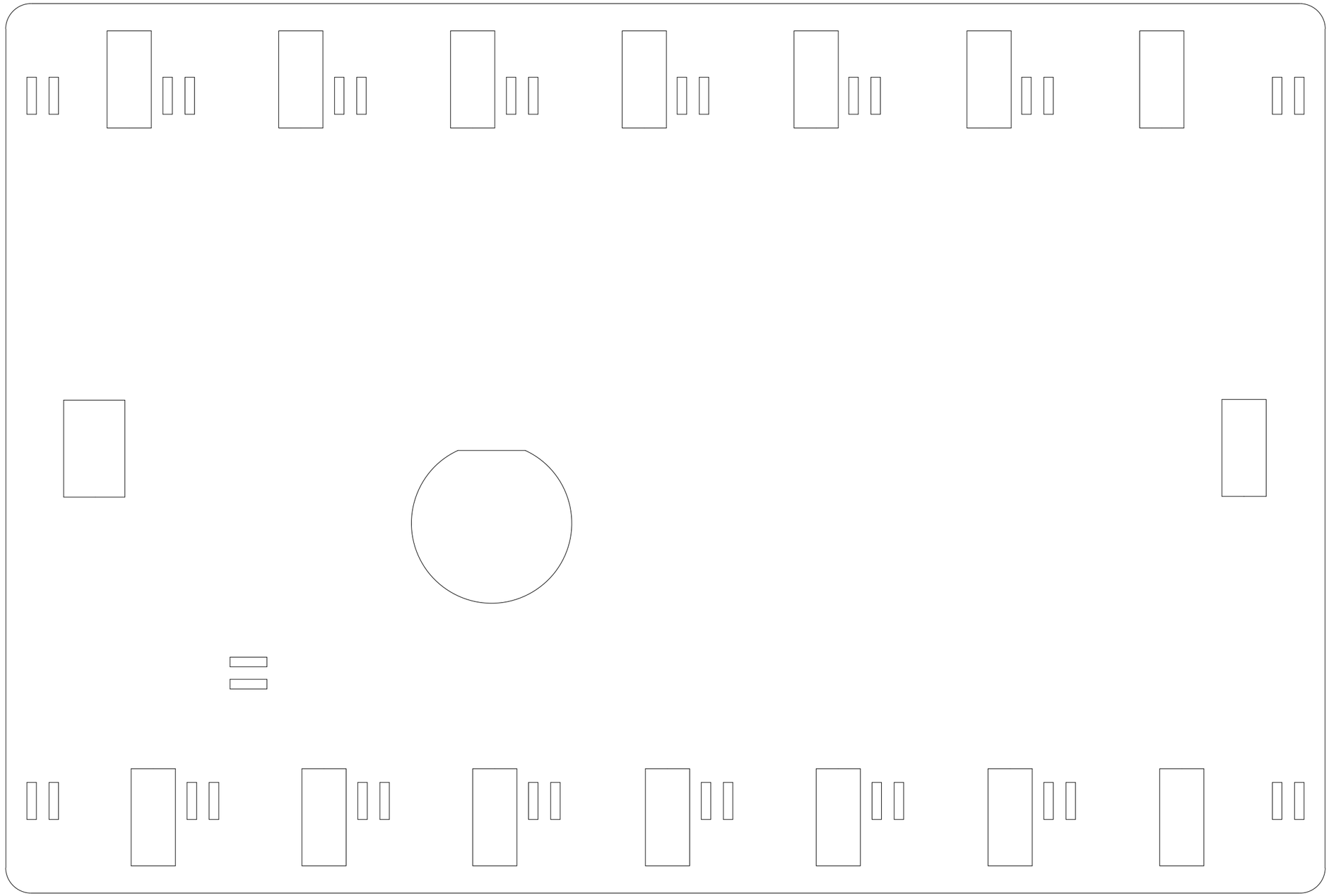





Moonitor BMS and Display Adapter
DANGER HIGH VOLTAGE
TOP
Pack Total
Moonitor™
Safe to drill in dotted areas, but
use nylon hardware. Holes will be live!
Use at own risk!
Tighten standoffs well, they
are balance connections.
V1.2 by Vinnie Marco
S1 0V
S2 3.7V
S3 7.4V
S4 11.4V
S5 14.8V
S6 18.5V
S7 22.2V
S8
S9 29.6V
S10 33.3V
S11 37V
S12 40.7V
S13 44.4V
S14 48.1V
S15 51.8V
55.5V
Display Power
Display Ground
Display Sense
SRH05S12
12V EN
Buck EN
Disp EN
Fan EN
AUX Power
GND
12V
500mA Max
Parts List
1x 250mA (F16)
1x 12V, 40mm fan
16x 3A Fuse (F0–F15)
1x XP Power – SRH05S12
1x 0–99V Display, Adafruit – 705
48x Pin headers – 0.1" male headers
19x Jumper block – 0.1" jumper block
15x 2.6–30V Display, Seeed – 114990163
15x B4A–PCB Lugsdirect
F16
Pack +
Fan
12VDC
Flood area with solder–>
Don't hook up leads 16–8 to BMS
board if using 7s jumper board.
Jump at Moonitor, leave adapter board
disconnected at 16–8 terminals.
BAT16 BAT15 BAT14 BAT13 BAT12 BAT11 BAT10 BAT9 BAT8
BAT7 BAT6 BAT5 BAT4 BAT3 BAT2
BAT1
GND
Short all unused leads to last used
TOP


Moonitor BMS and Display Adapter
DANGER HIGH VOLTAGE
BOTTOM
Back Total
Moonitor
Safe to drill in dotted areas, but use nylon hardware. Holes will be live!
Use at own risk!
BOTTOM
Short all unused leads to last used
Don't hook up leads 16-8 to BMS board if using 7s jumper board. Jump at Moonitor, leave adapter board disconnected at 16-8 terminals.
Parts List
1x 250mA (F16)
1x 12V, 40mm fan
16x 3A Fuse (F0-F15)
1x XP Power - SPH0512
1x 0-99V Display, Adafruit - 705
46x Pin Headers - 0.1" male headers
19x Jumper block - 0.1" jumper block
15x 2.6-30V Display, Seeed - 114990153
15x B4A-PCB Lugadirect
Place Buck on other side!
Tighten standoffs well, they conduct and pinch wires!
Made by Vinnie Marco
V1.2