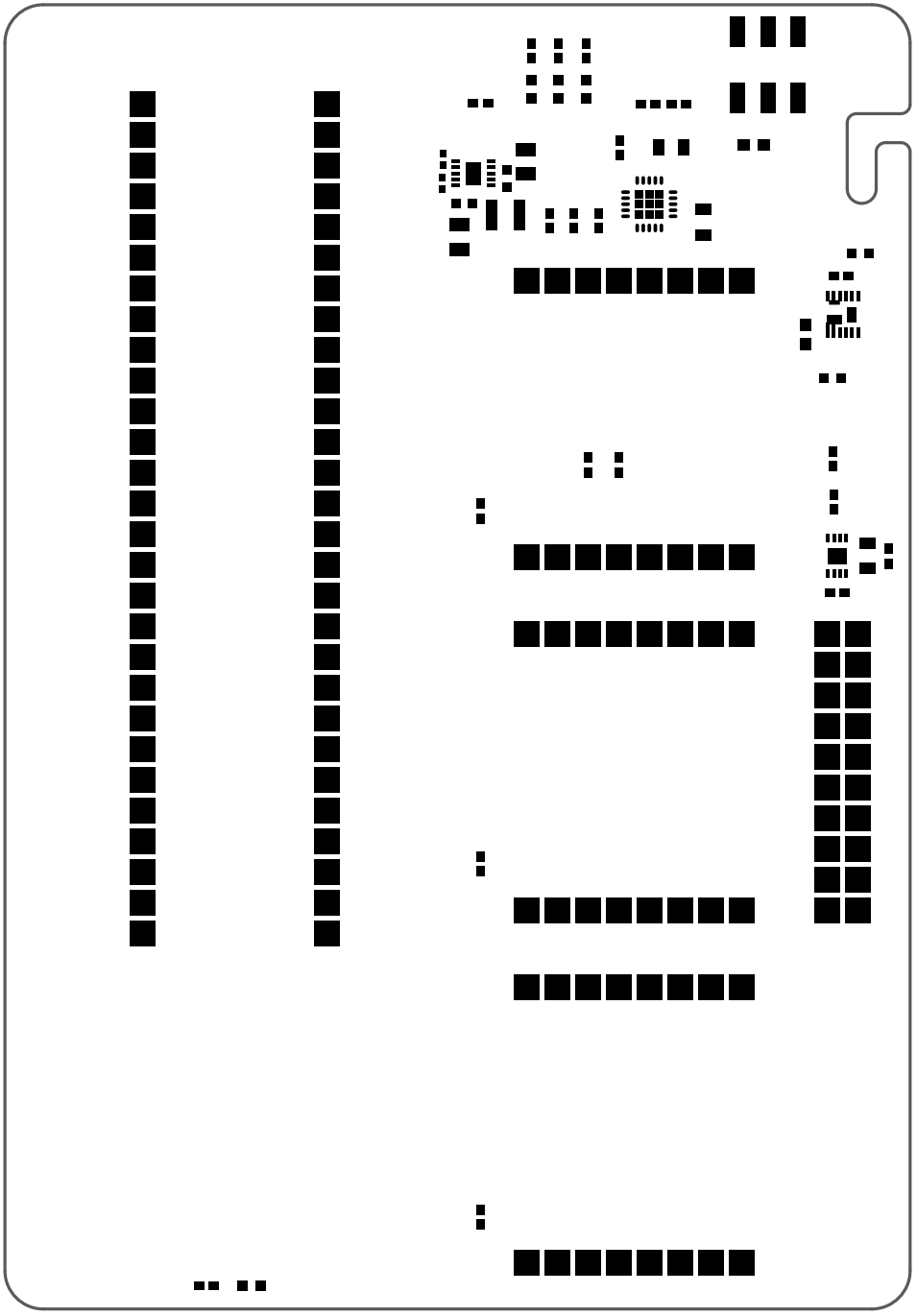
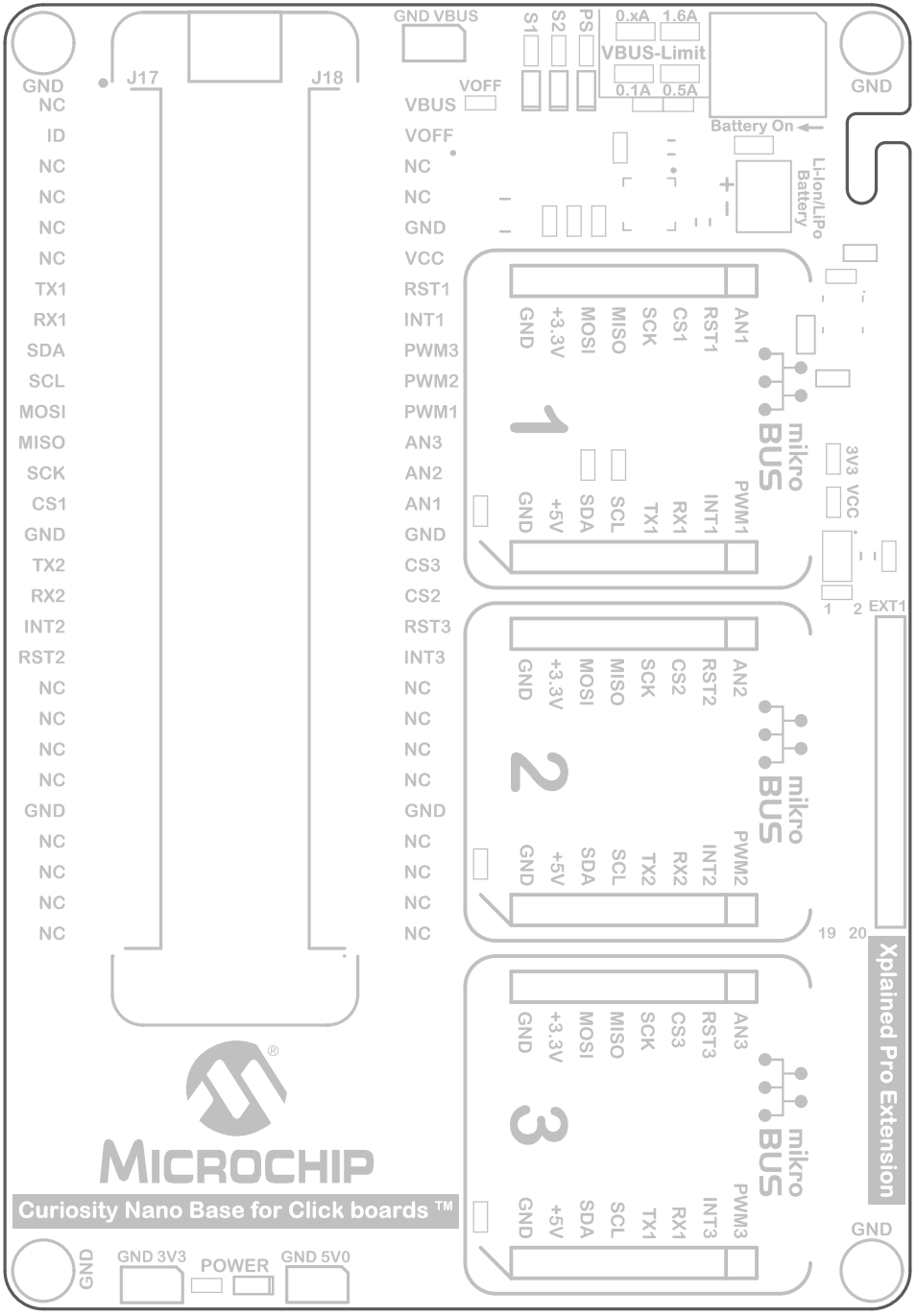
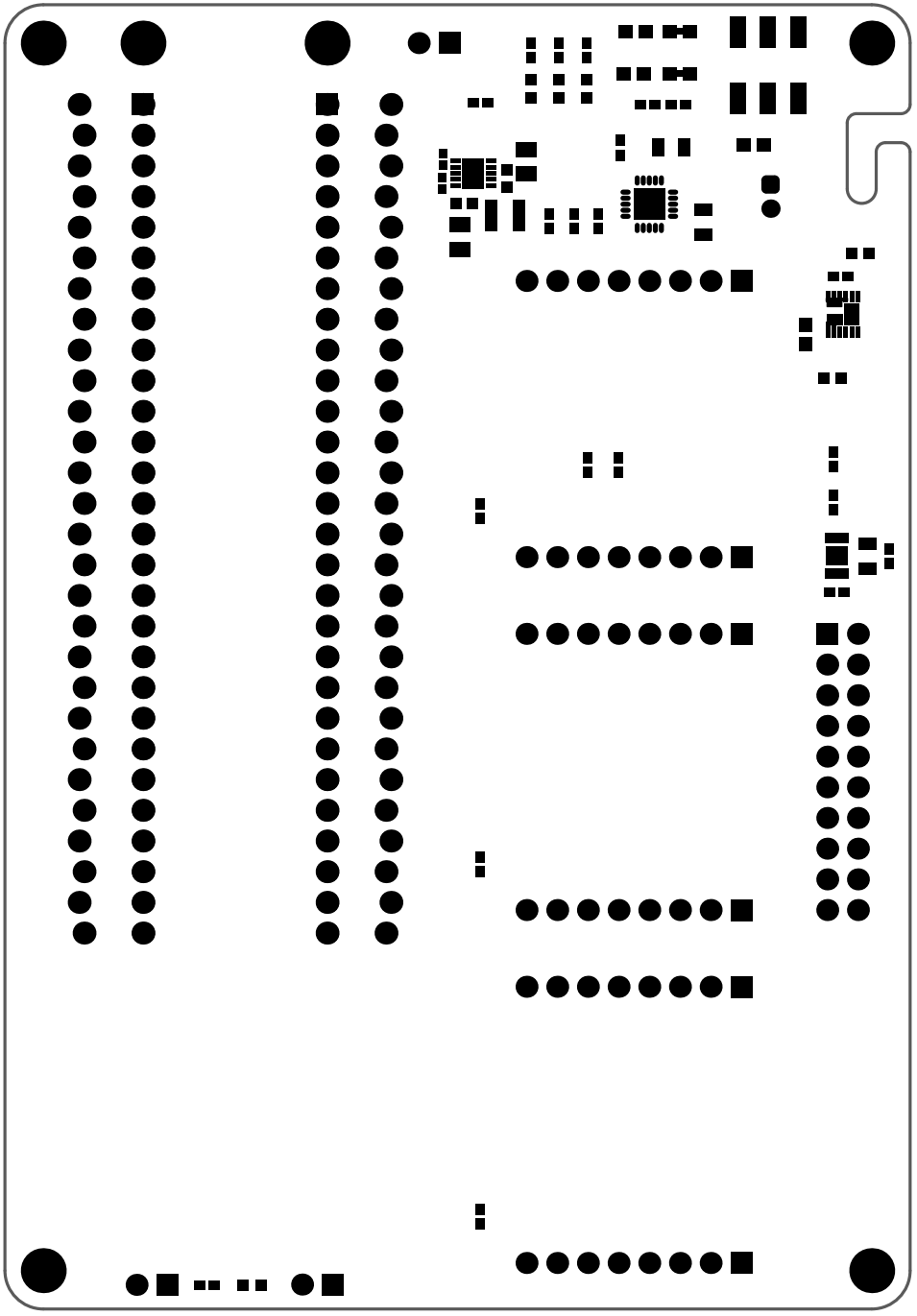
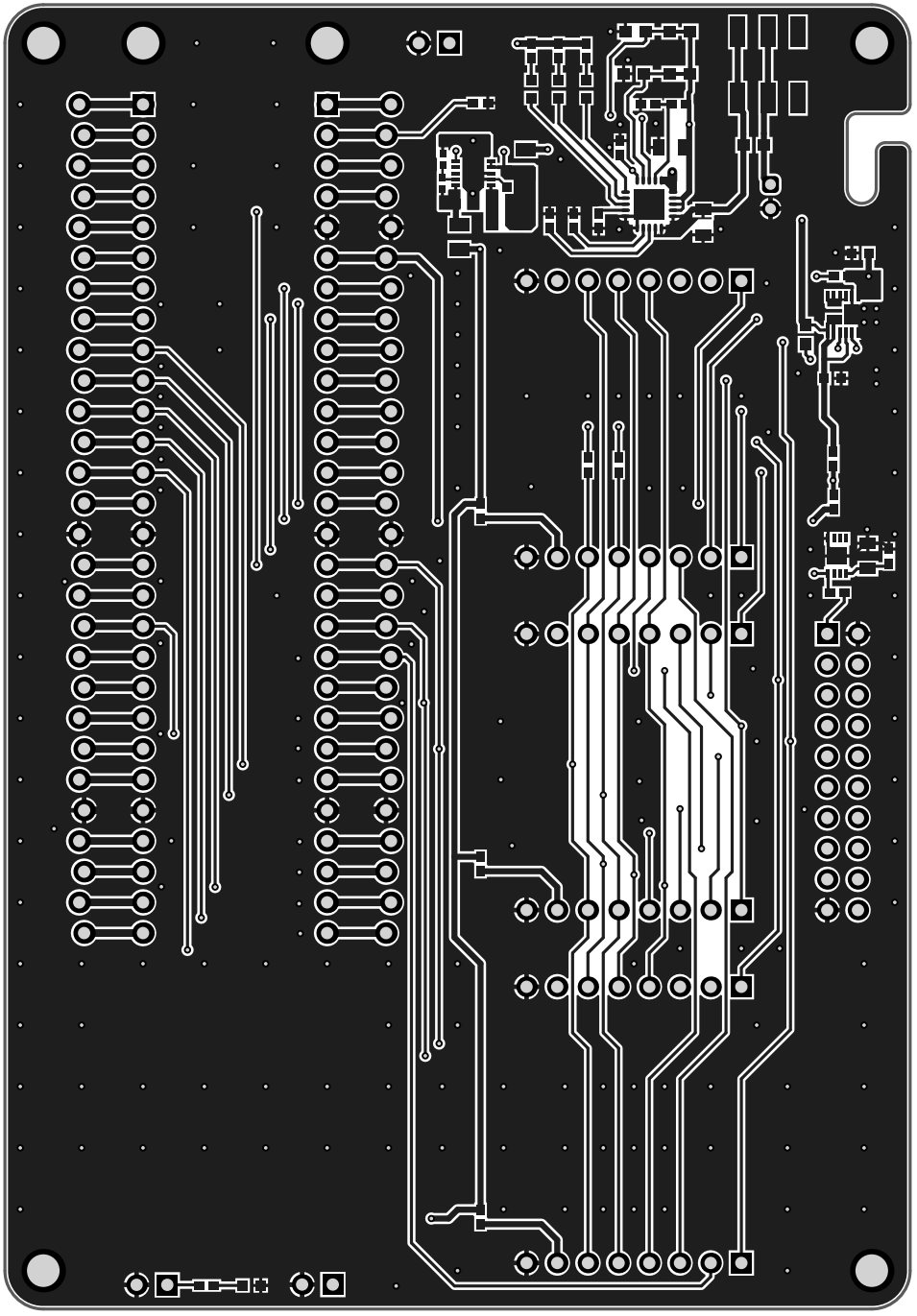
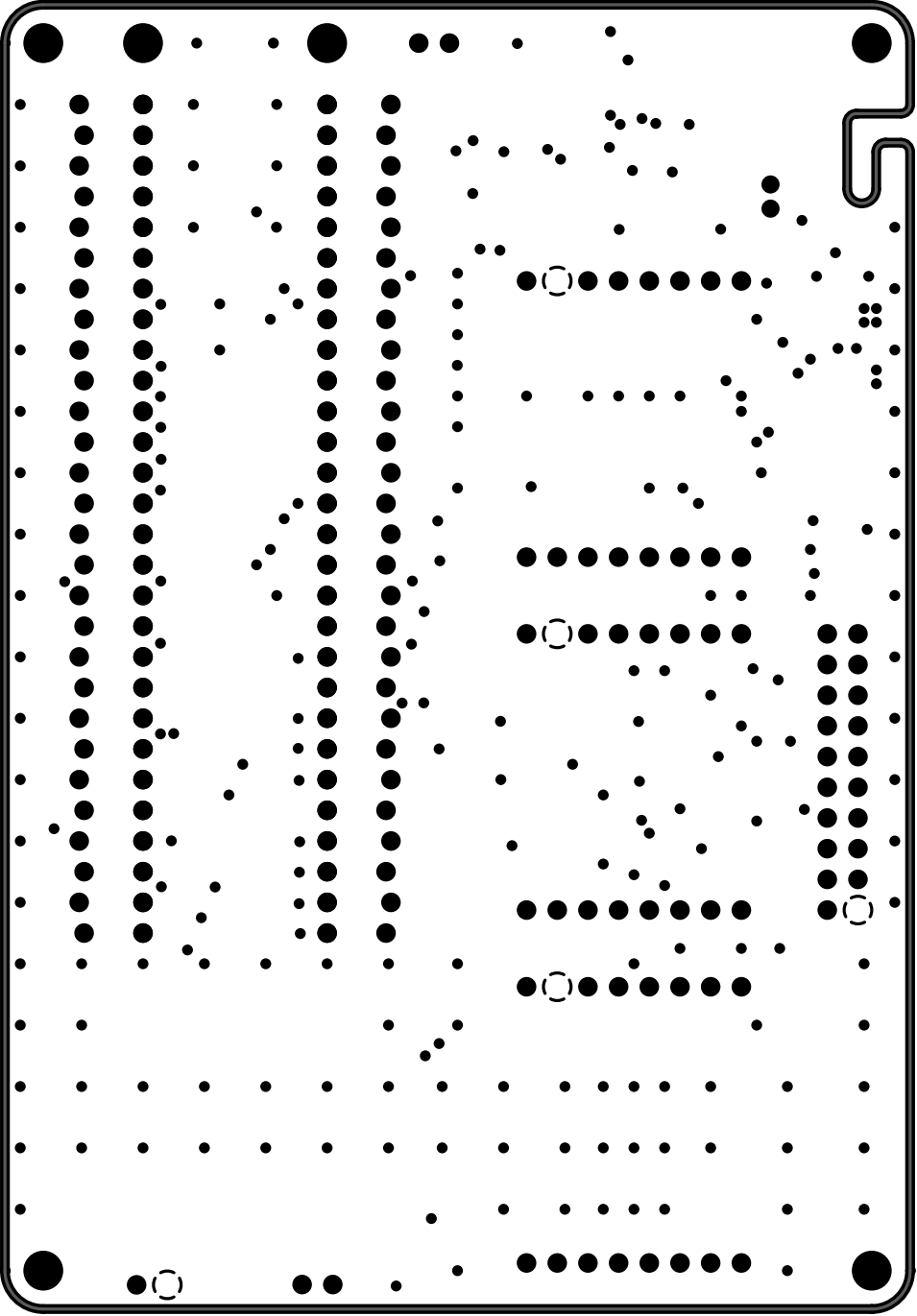
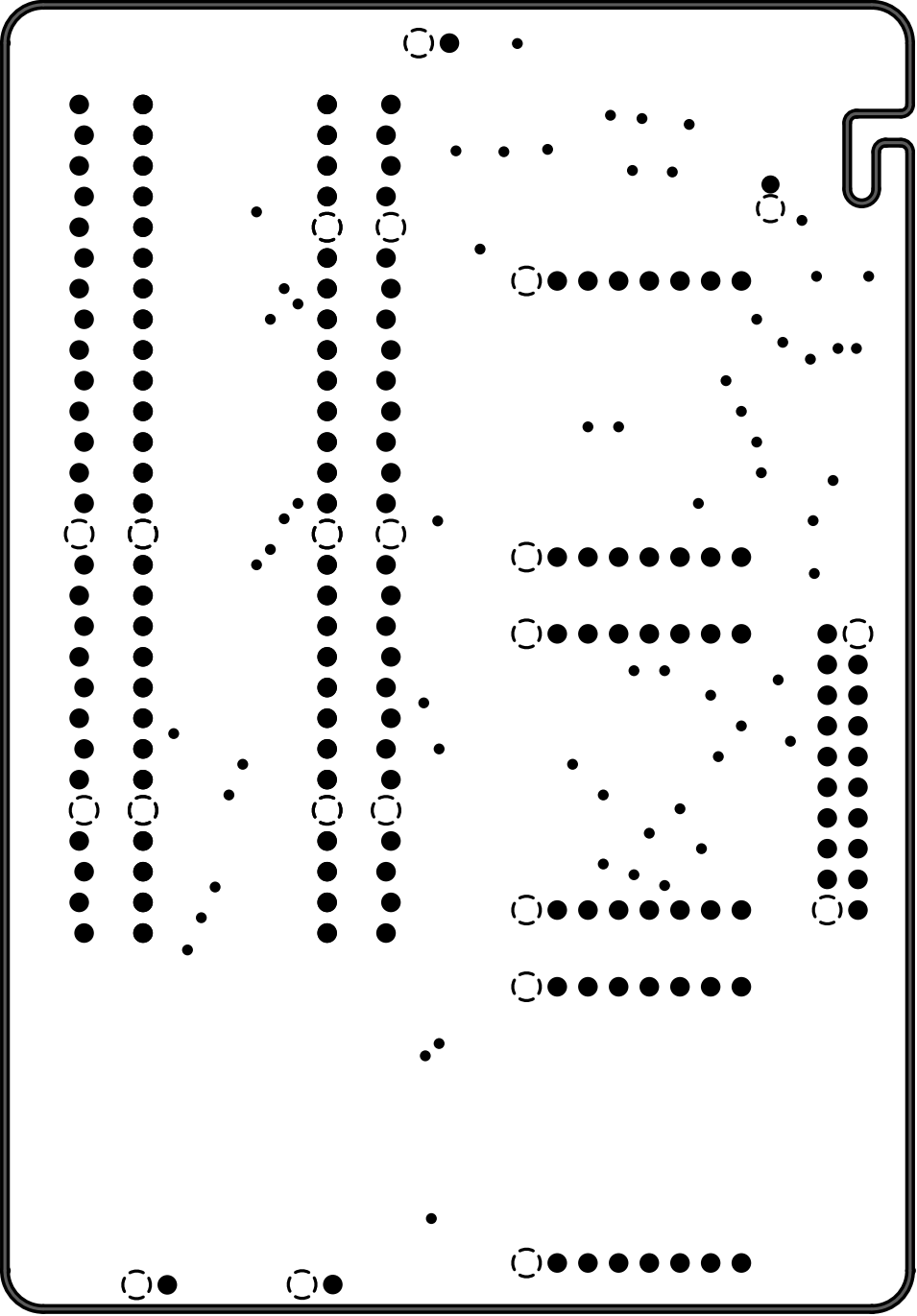


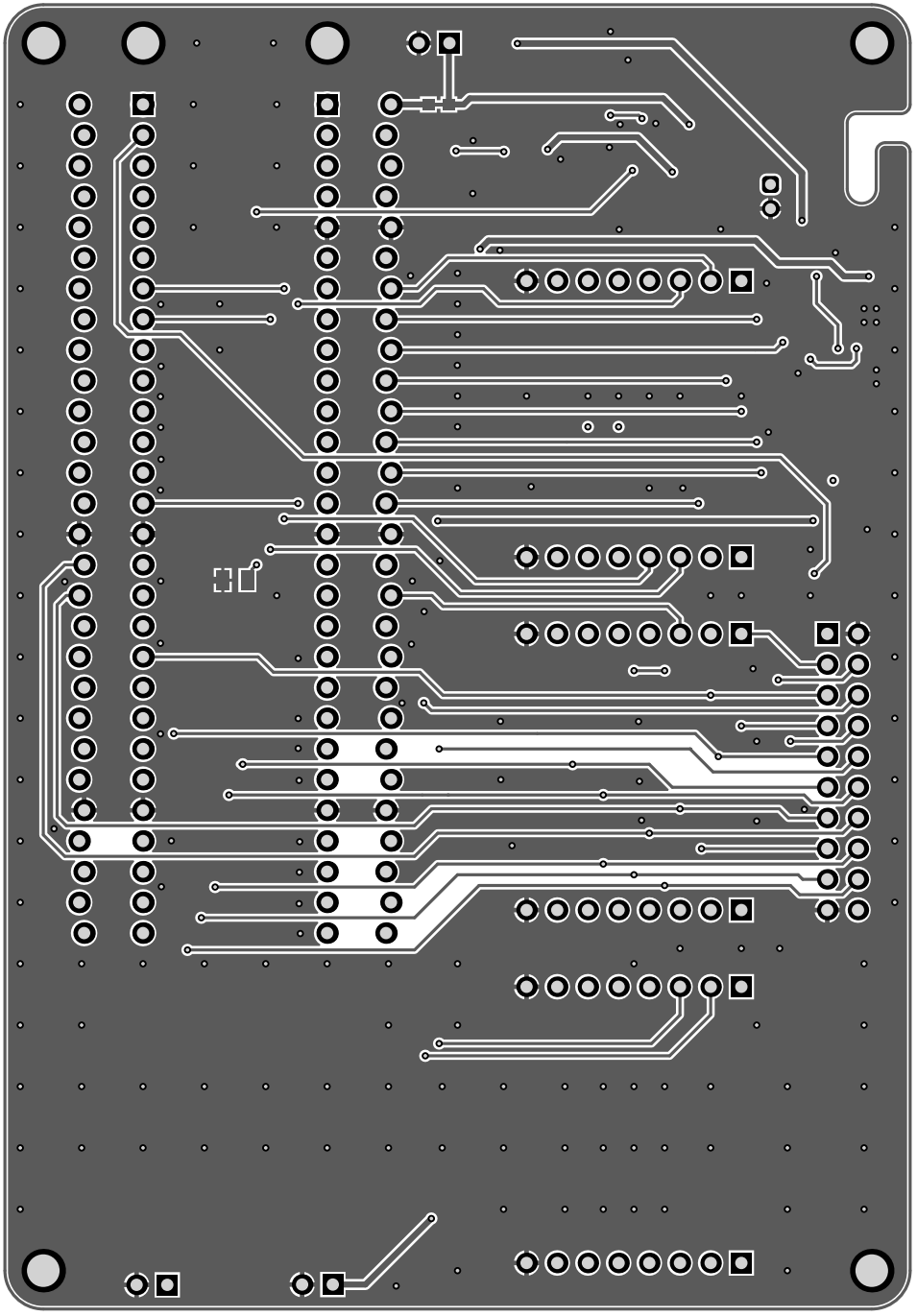

GND
J17
J18
GND VBUS
S1
S2
PS
0.xA
1.6A
VBUS-Limit
0.1A
0.5A
GND
VOFF
Battery On
Li-Ion/LiPo Battery
NC
ID
NC
NC
NC
NC
TX1
RX1
SDA
SCL
MOSI
MISO
SCK
CS1
GND
TX2
RX2
INT2
RST2
NC
NC
NC
NC
GND
NC
NC
NC
NC
VBUS
VOFF
NC
NC
GND
VCC
RST1
INT1
PWM3
PWM2
PWM1
AN3
AN2
AN1
GND
CS3
CS2
RST3
INT3
NC
NC
NC
NC
GND
NC
NC
NC
NC
1
AN1
RST1
CS1
SCK
MISO
MOSI
+3.3V
GND
mikro BUS
PWM1
INT1
RX1
TX1
SCL
SDA
+5V
GND
3V3
VCC
1
2
EXT1
2
AN2
RST2
CS2
SCK
MISO
MOSI
+3.3V
GND
mikro BUS
PWM2
INT2
RX2
TX2
SCL
SDA
+5V
GND
19
20
Xplained Pro Extension
3
AN3
RST3
CS3
SCK
MISO
MOSI
+3.3V
GND
mikro BUS
PWM3
INT3
RX1
TX1
SCL
SDA
+5V
GND
MICROCHIP
Curiosity Nano Base for Click boards ™
GND
GND 3V3
POWER
GND 5V0
GND

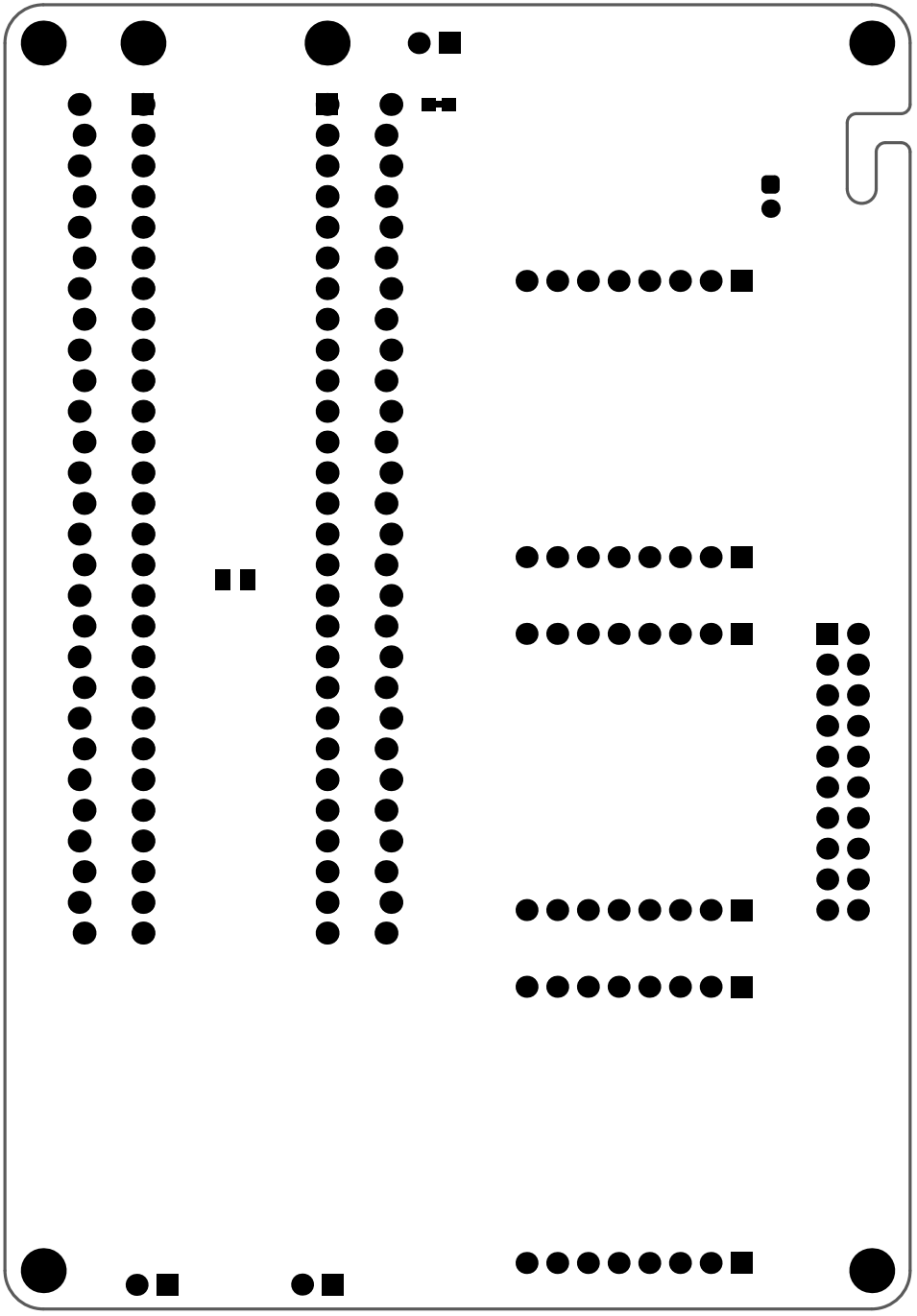












VBUS GND
GND
GND
VBUS
GND
NC
ID
NC
NC
NC
NC
NC
TX1
RX1
SDA
SCL
MOSI
MISO
SCK
CS1
GND
TX2
RX2
INT2
RST2
NC
NC
NC
NC
NC
GND
NC
NC
NC
NC
NC
VOFF
NC
NC
GND
VCC
RST1
INT1
PWM3
PWM2
PWM1
AN3
AN2
AN1
GND
CS3
CS2
RST3
INT3
NC
NC
NC
NC
NC
GND
NC
NC
NC
NC
NC
ATTACH OPTIONAL
BATTERY PACK IN
THIS AREA.
XPLAINED PRO
EXTENSION HEADER
GND ID
AN3 AN2
RST3 RST2
PWM3 PWM2
CS3 INT2
SCL SDA
TX2 RX2
MOSI CS2
SCK MISO
3V3 GND
PCBA LABEL
A08-2941 Rev4
Microchip © 2021
5V0 GND
3V3 GND
GND
GND
GND
+
−
Li-ion/Li-Po
Battery
EXTENSION HEADER
XPLAINED PRO
20 19
2 1
mikro BUS
PWM INT TX RX SDA SCL +5V GND
AN RST CS SCK SDO SDI +3V3 GND
mikro BUS
PWM INT TX RX SDA SCL +5V GND
AN RST CS SCK SDO SDI +3V3 GND
mikro BUS
PWM INT TX RX SDA SCL +5V GND
AN RST CS SCK SDO SDI +3V3 GND