

GND

VCC_MCU

VCC_TARGET

SW0

LEDO

RESET

VCC-SEL

3.3V 5.0V

POWER

STATUS

PWR

5.0V_IN GND

1

3

5.0V_VCC

SAM C21

CORTEX DEBUG

1 2 EXT1

CAN
CANL
CANH
STBY

LIN
LIN
GND
VS
MASTER NODE PULL-UP
INH
LIN VCC POWER
LIN WAKEUP

Atmel SMART™
SAMC21 X PLAINED PRO

32kHz CRYSTAL
SAMC21J18A
VCC ADC/DAC GND
RESET
3V3
5V0
GND
GND
VIN
DACE-OUT
VREF
DAC GND
ATECC108
16MHz CRYSTAL

RESET SCK MISO

GND MOSI VCC

GND

19

20

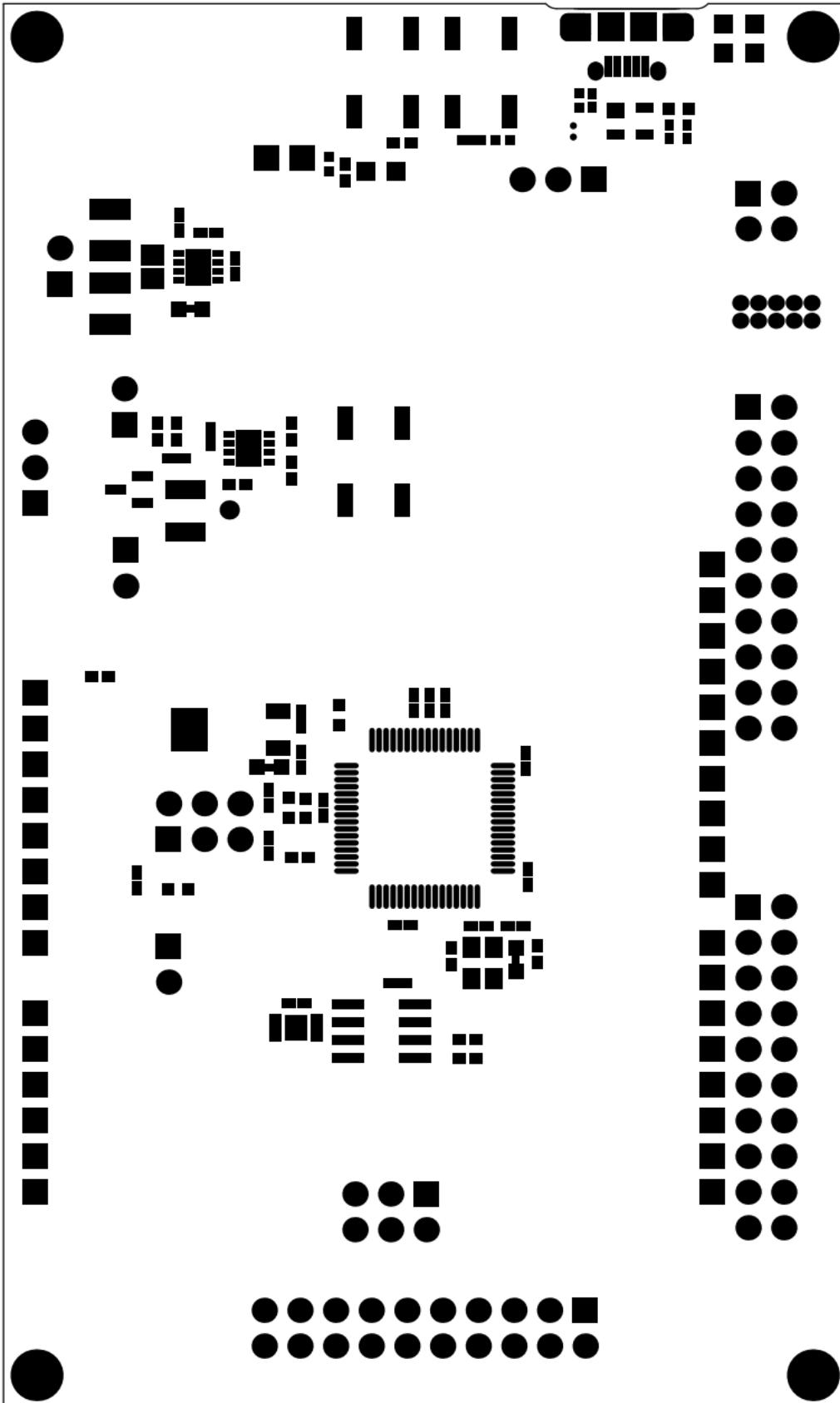
QT BTN 1

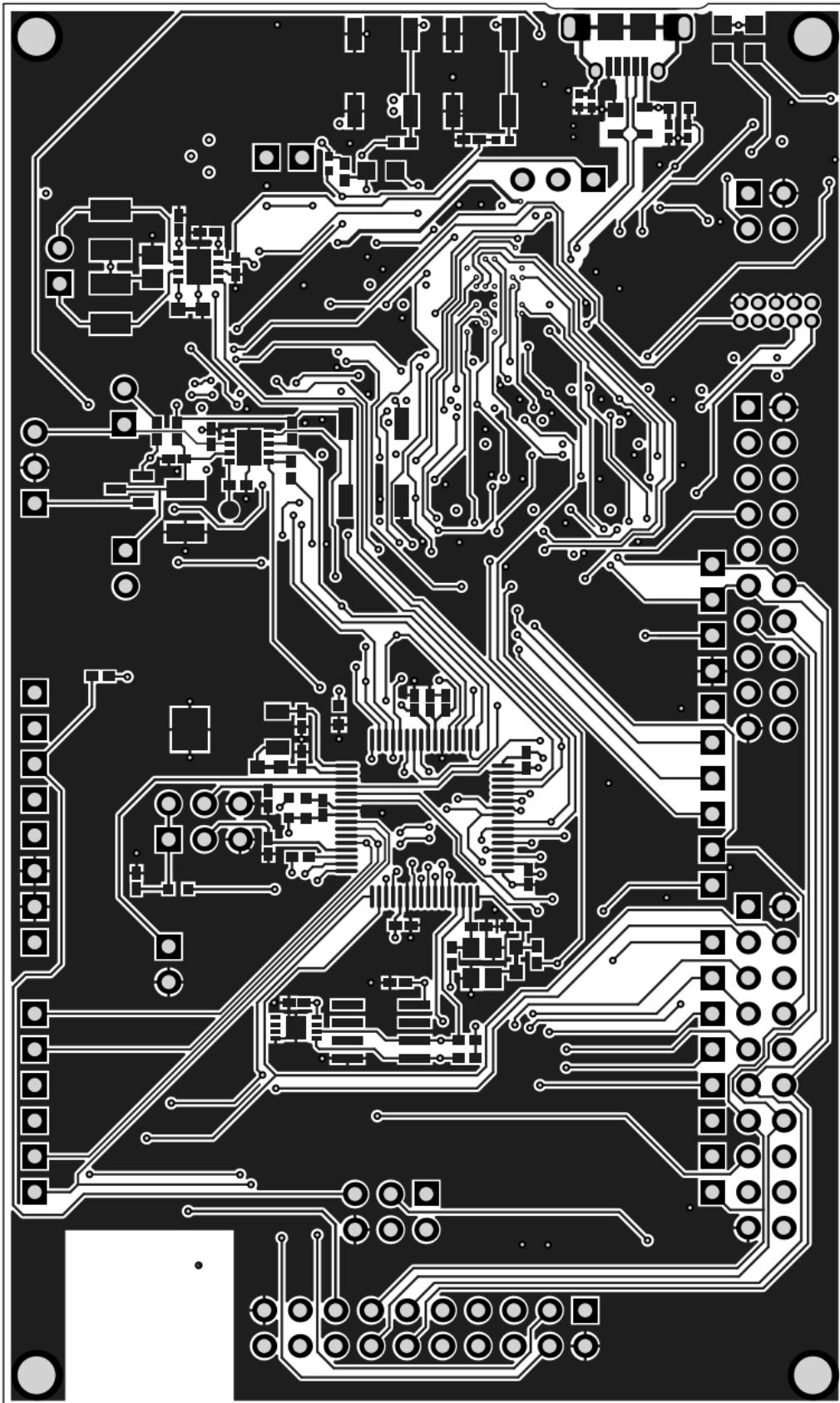
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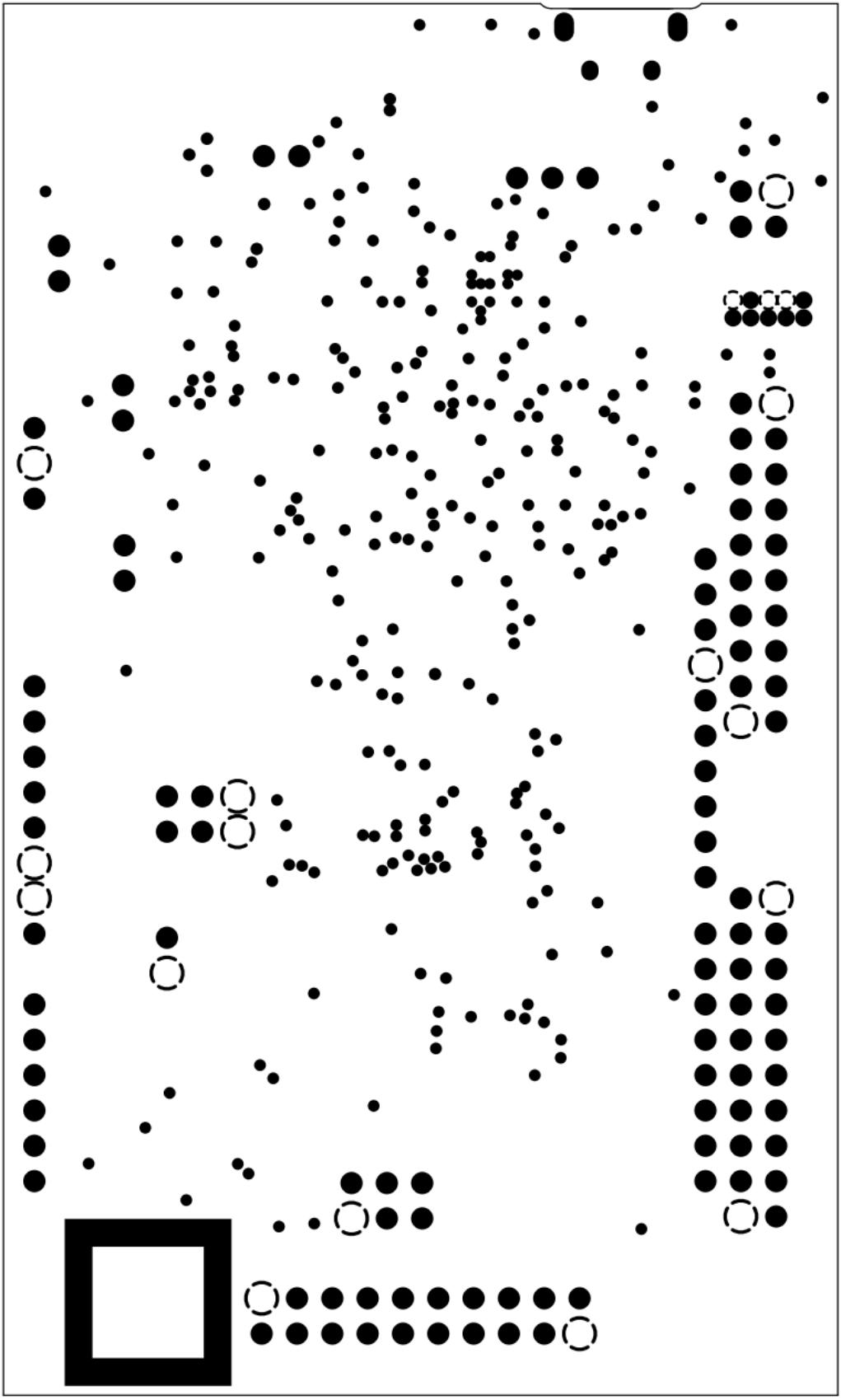
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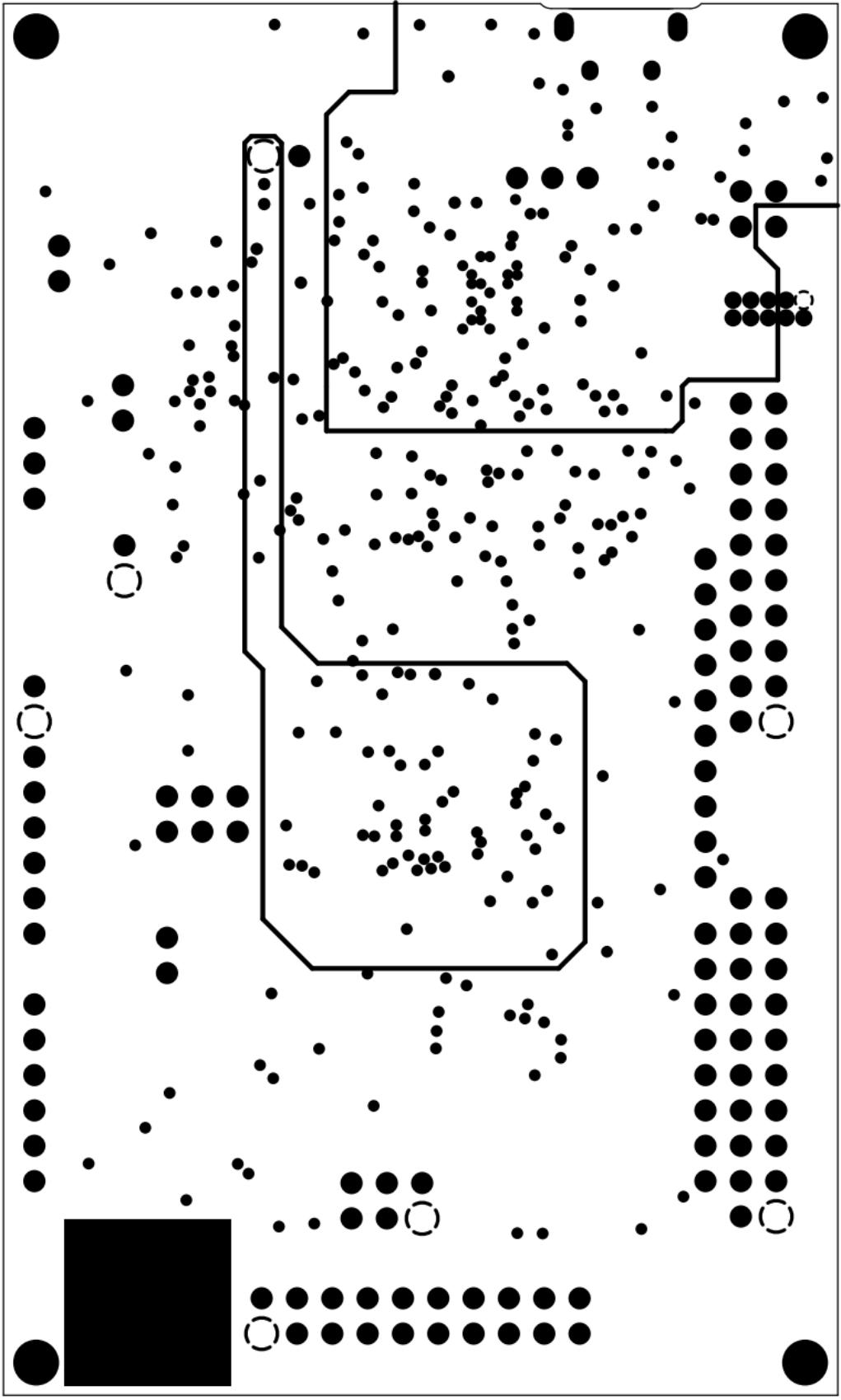
GND

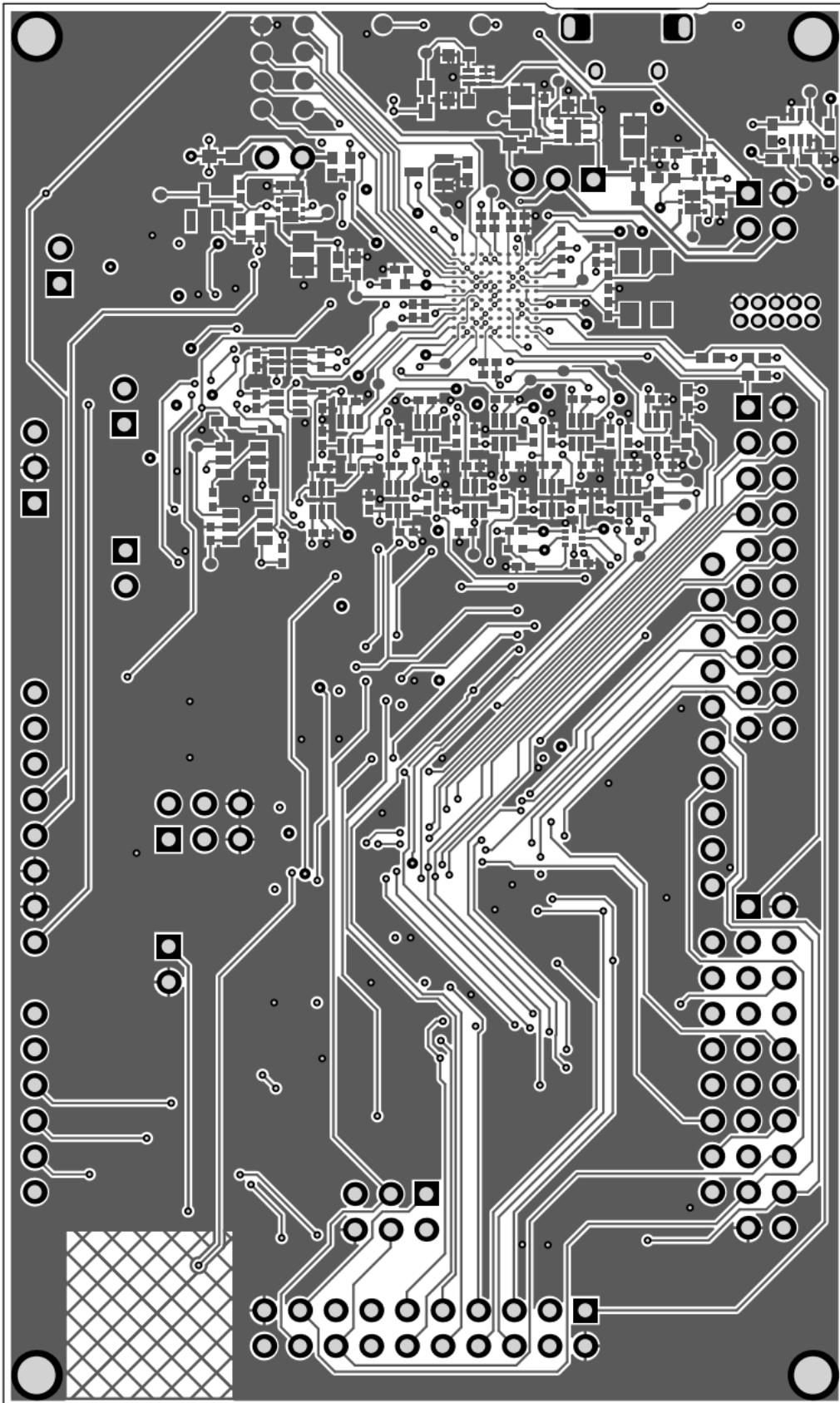
EXT3

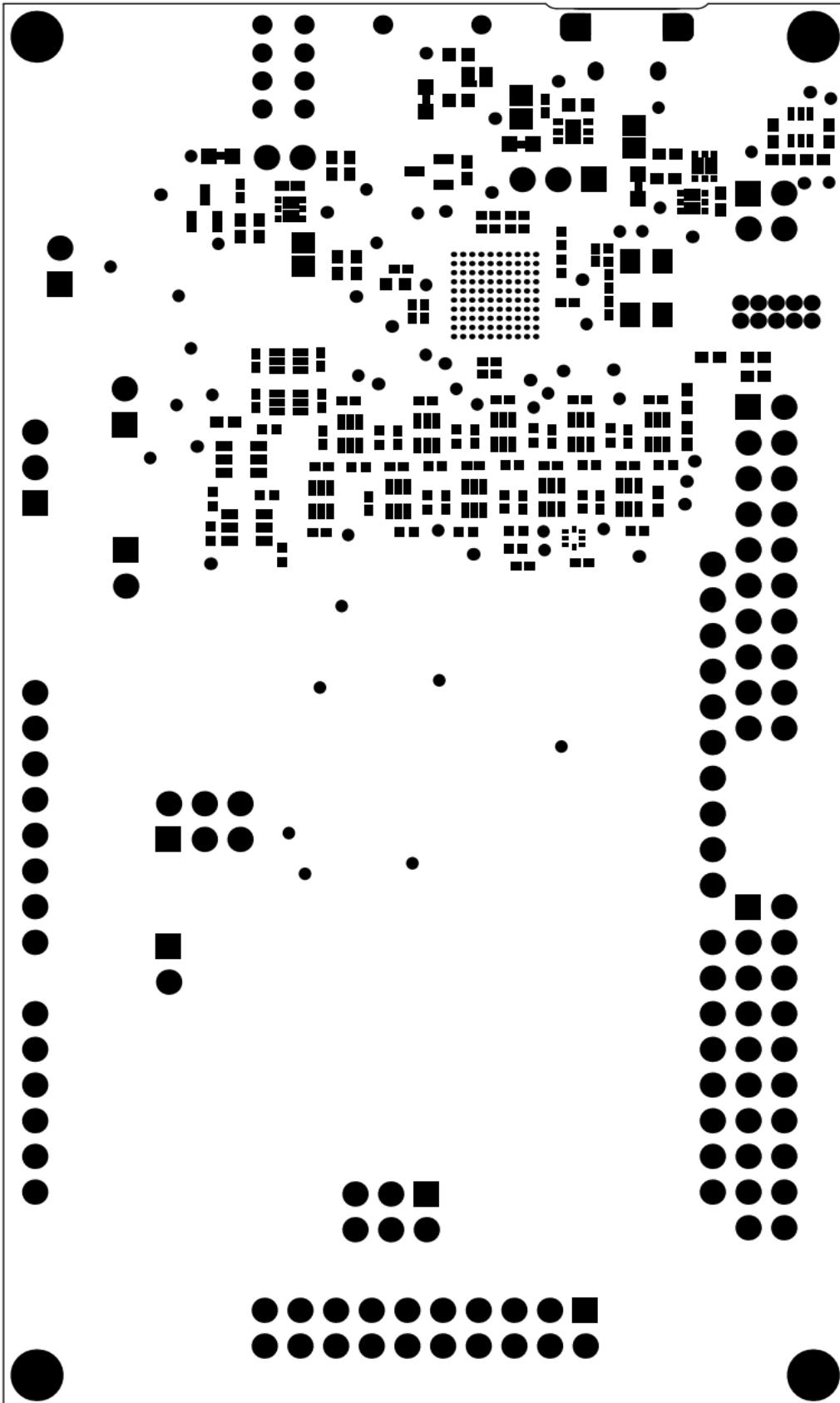


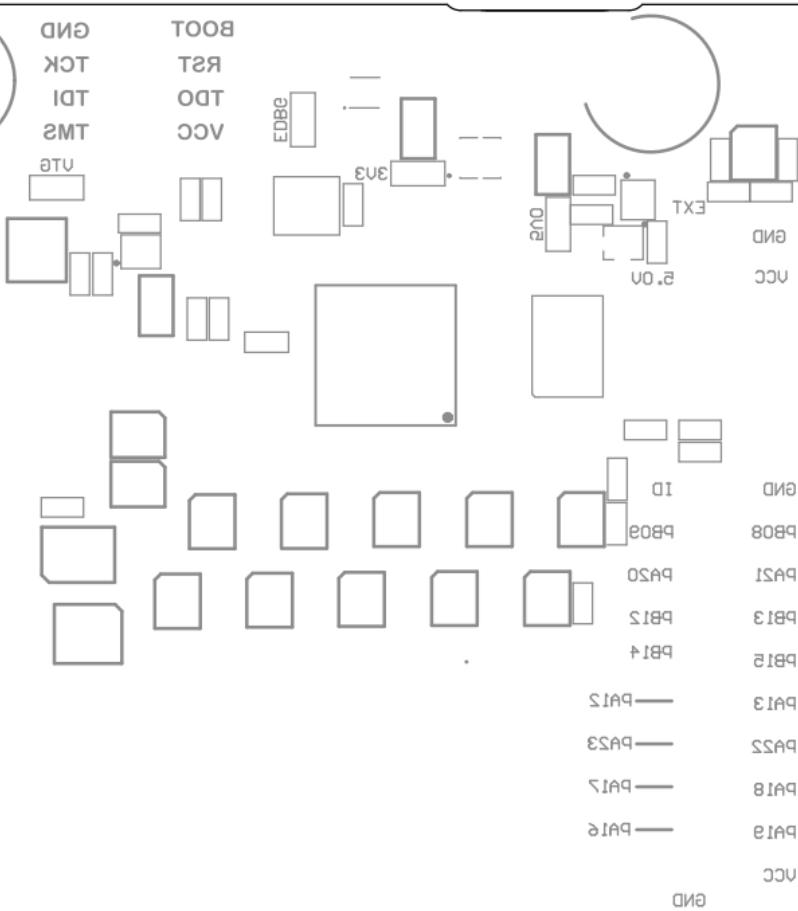












XPLAINED PRO
EXTENSION HEADER

VCC	EN_D	SPI_SCK	SPI_MISO	SPI_SS_A	UART_RX	TWI_SDA	SPI_SS_B	IRG	PWM-	PWM+	GPIOD	ADC+	ADC-	GND
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PCBA LABEL
A08-2247 Rev 3



