

GND

VCC_MCU
VCC_TARGET

SW0 SW1/RST
LED0 VCC-SEL

DEBUG USB
5.0V_IN GND 1
3.3V 5.0V

POWER 1
5.0V VCC 3

STATUS 1
GND

PWR

ATmega4809
UPDI DEBUG



ATMEGA4809 X PLAINED PRO

AVR®

CRYPTO
FOOTPRINT

ATmega4809

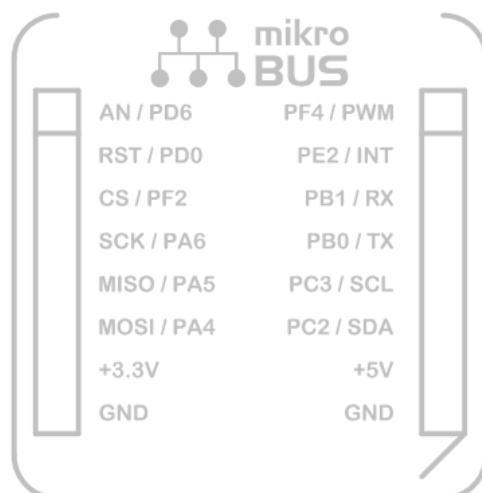


32kHz
CRYSTAL

ID GND
PD2 PD3
PA2 PA3
PC4 PC5
PC6 PC7
PC2 PC3
PA1 PA0
PA7 PA4
PA5 PA6
GND VCC

1 2 EXT1
19 20

mikroBUS
POWER
+3.3V +5V
GND GND



ID GND
PD4 PD5
PE0 PF6
PB4 PB5
PB2 PB3
PC2 PC3
PC1 PC0
PE1 PA4
PA5 PA6
GND VCC

1 2 EXT2
19 20

GND

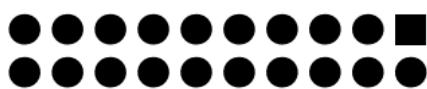
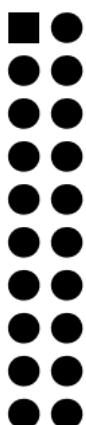
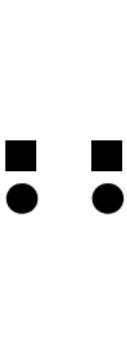
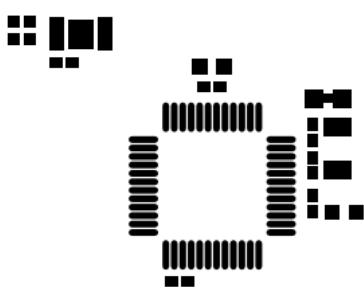
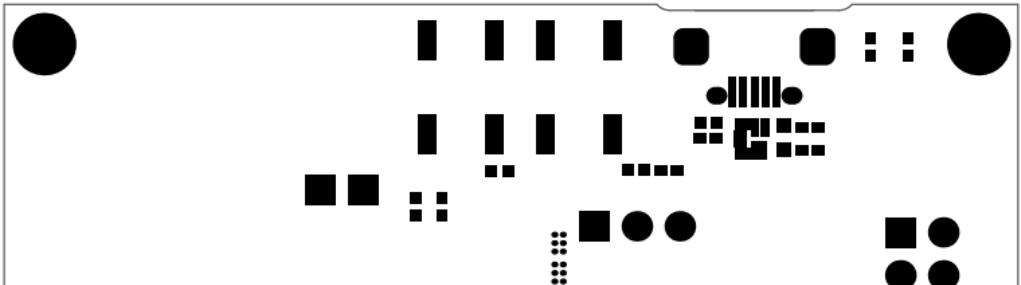
VCC GND
PA6 PA5
PA4 PF2
PB0 PB1
PC3 PC2
PE3 PE2
PE5 PF4
PD1 PD0
PD7 PD6
GND ID

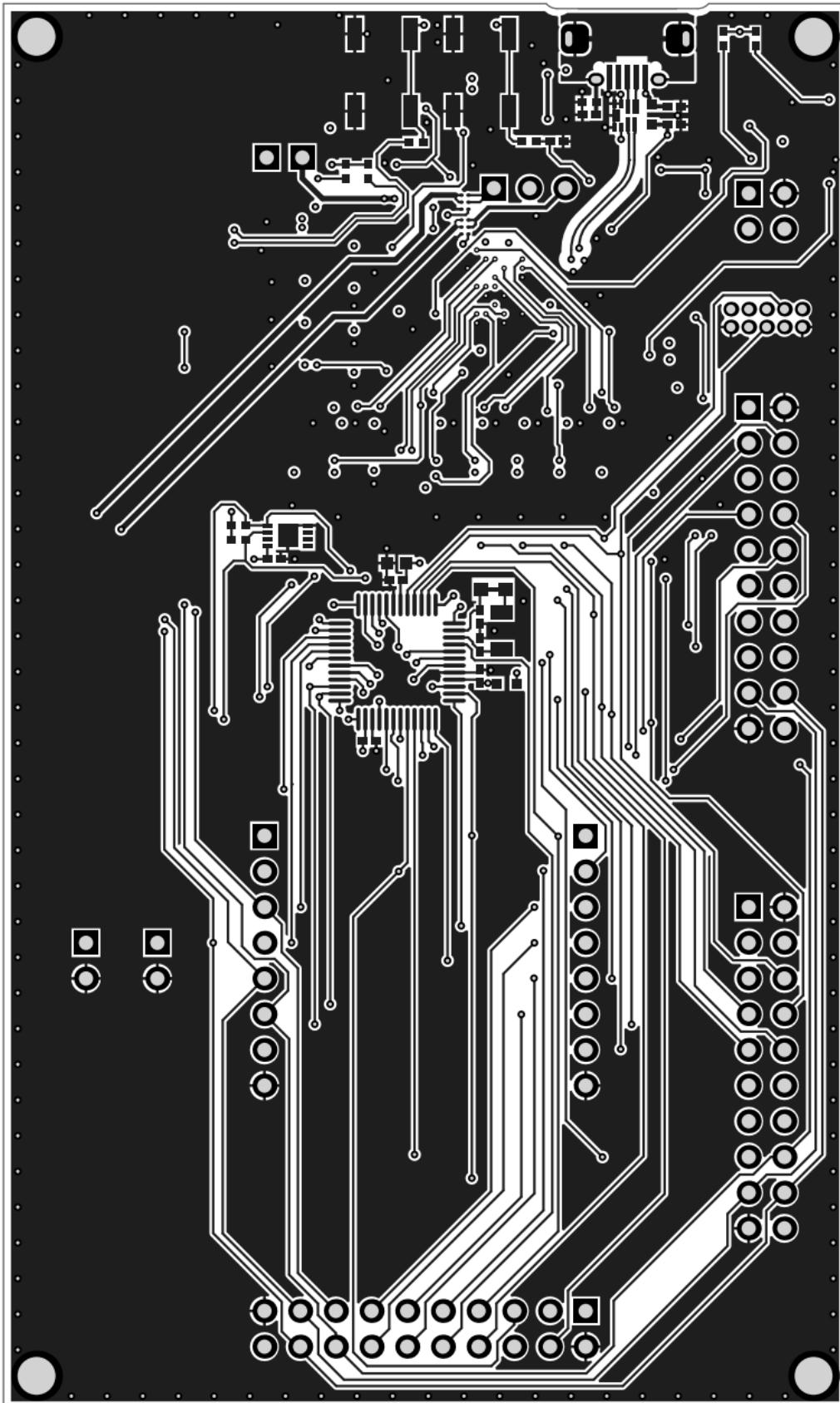
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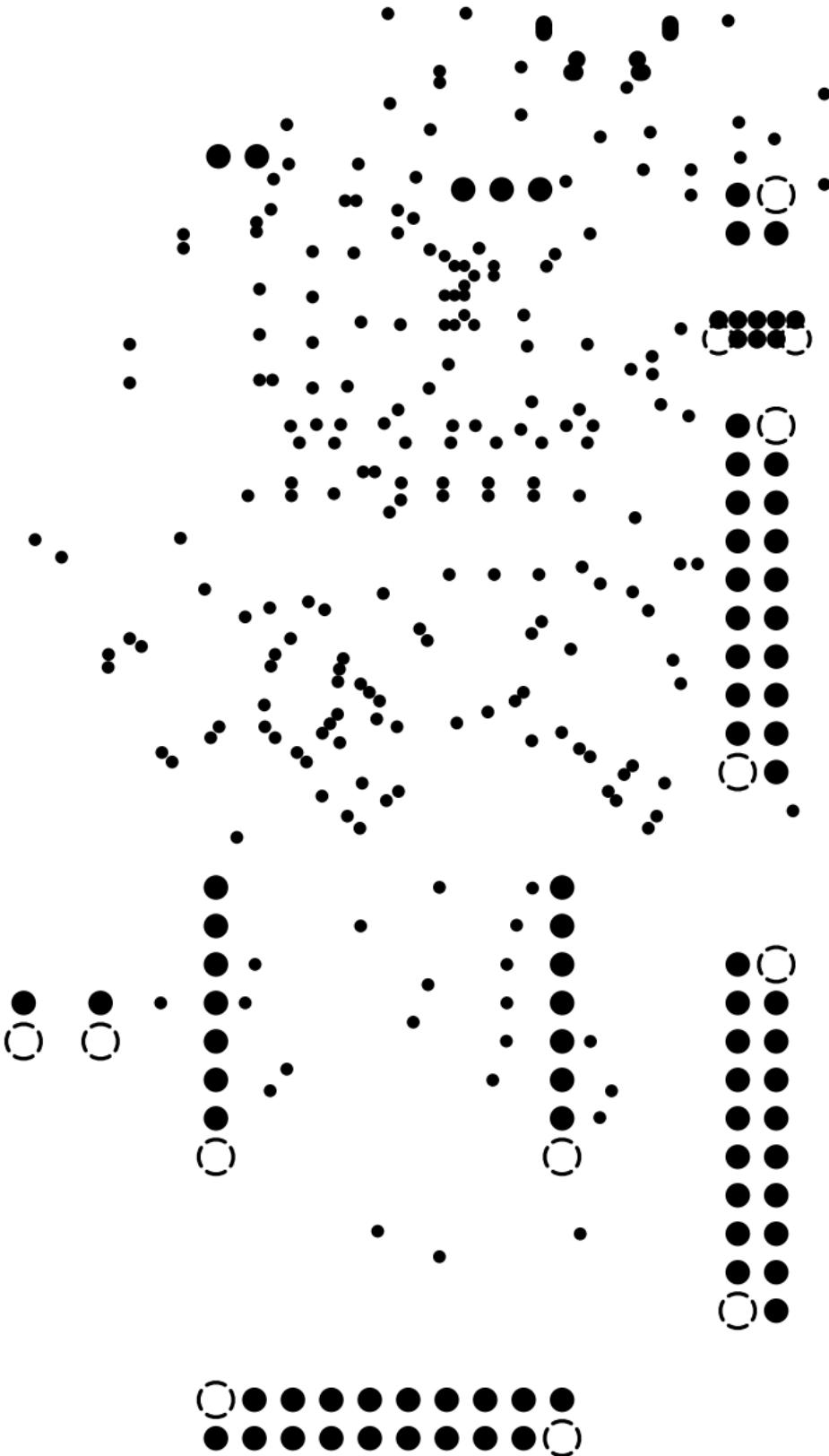
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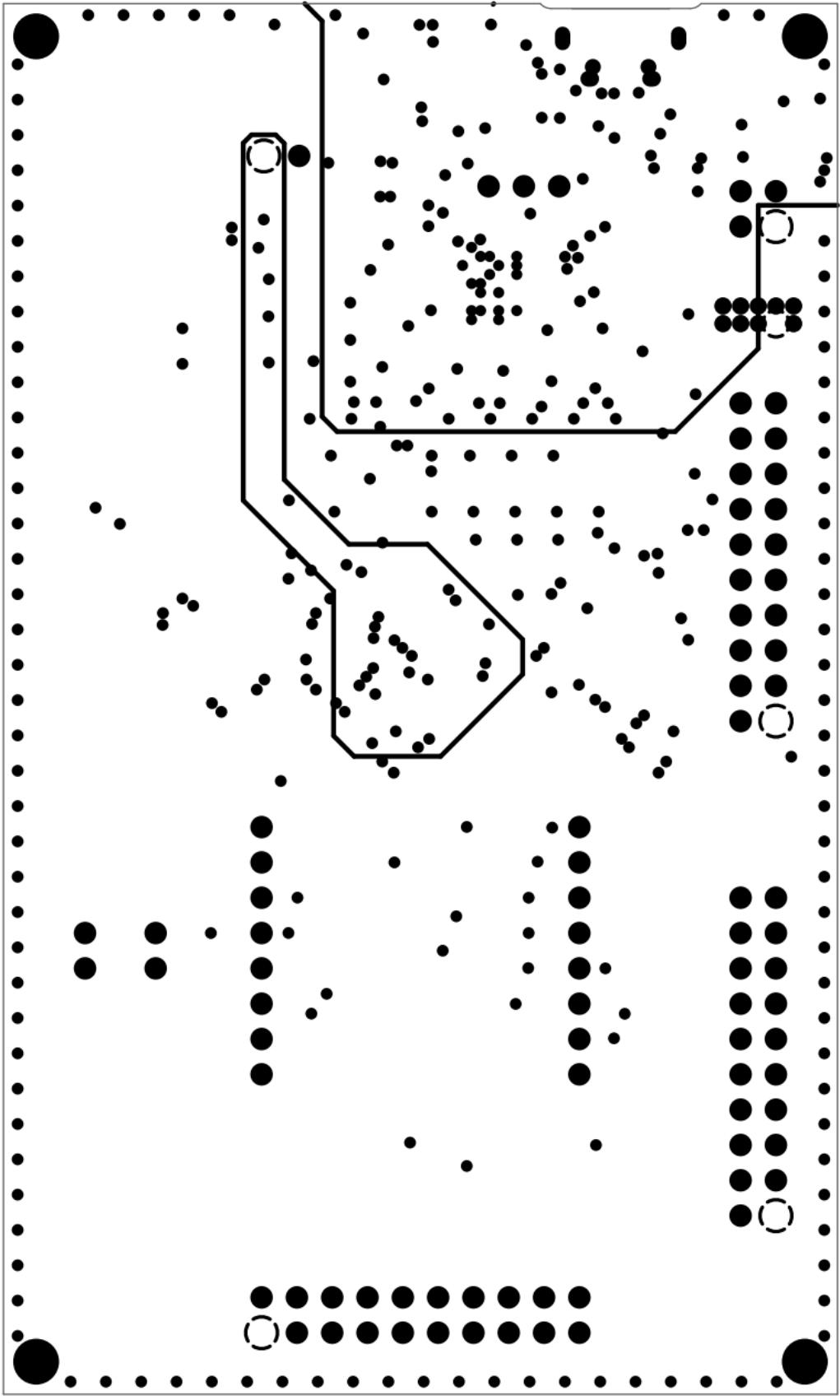
GND

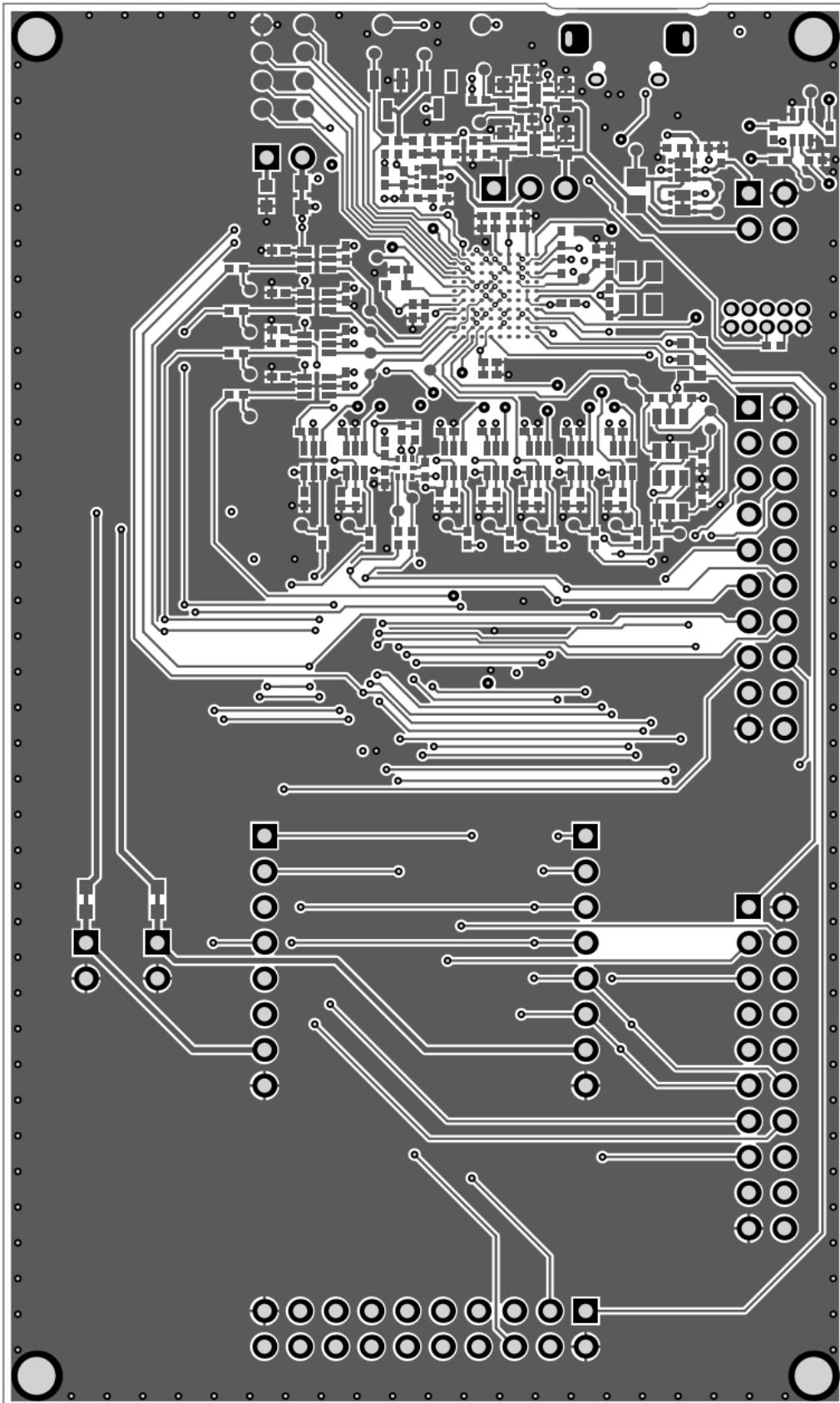
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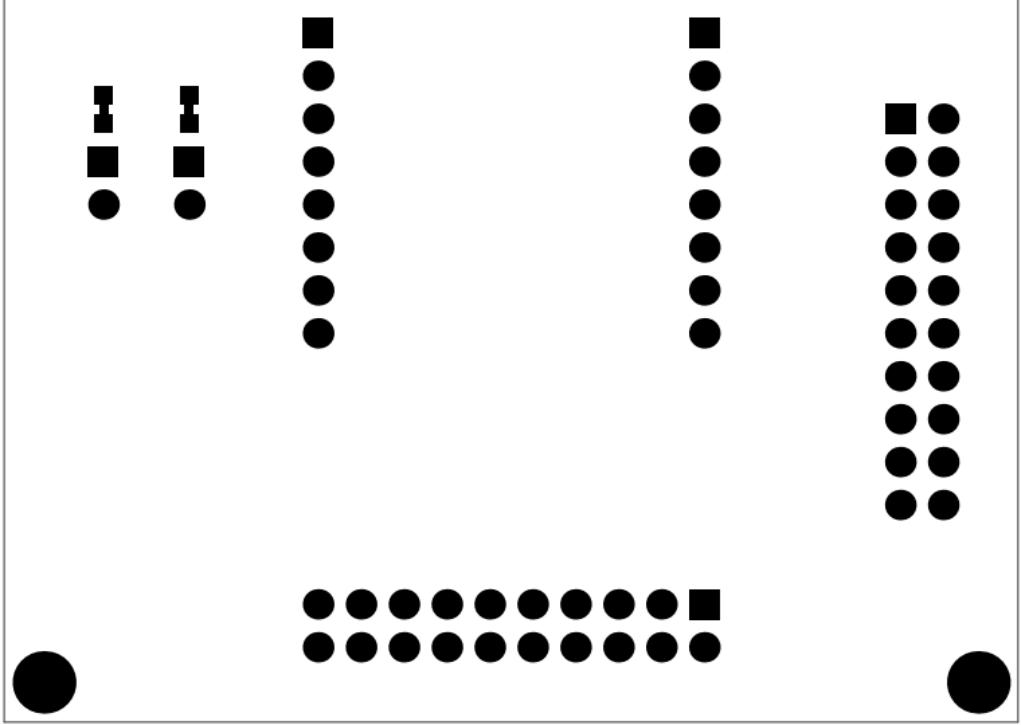
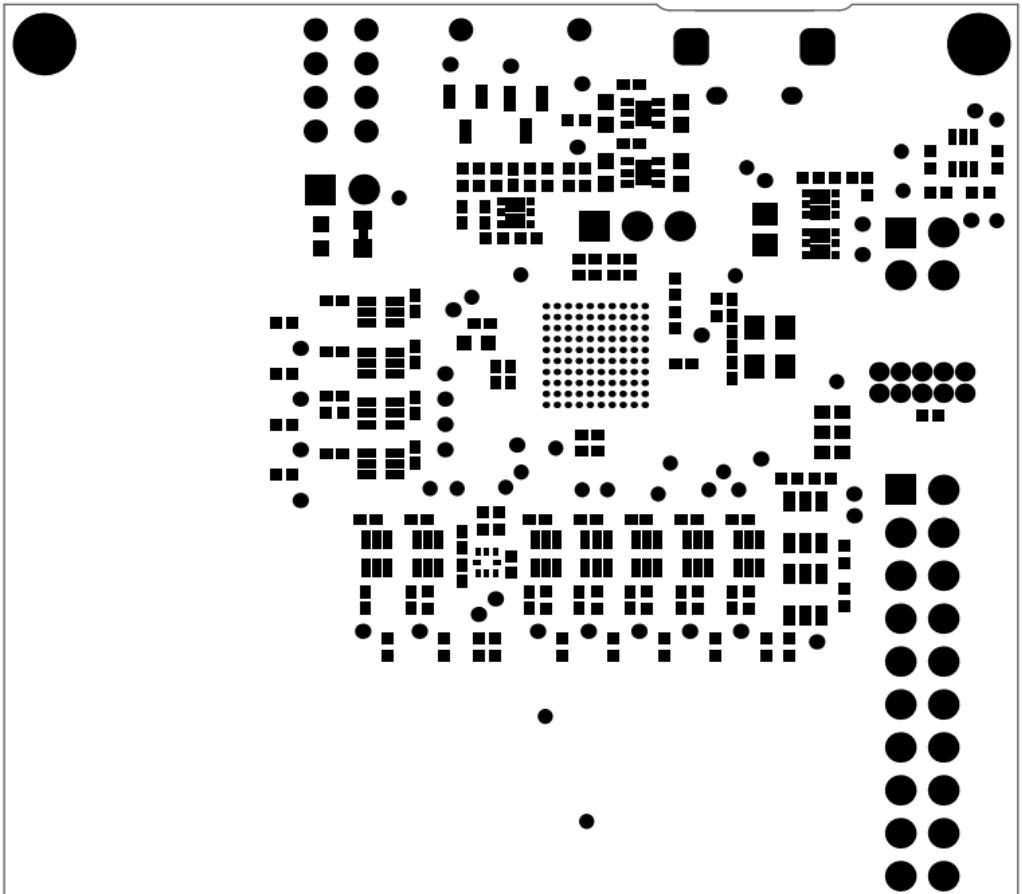












C



ACC	gnd
ACC	gnd
SPi_SS_A	SPi_MOSI
SPi_SS_B	IRQ
TWI_SCR	TWI_SDA
UART_RX	UART_TX
SPi_MOSI	SPi_SS_B
SPi_SCK	SPi_MISO
PC3	gnd
PC4	ADC+
PC5	ADC-
PC6	ID
PC7	GND
PC8	GP100
PC9	GP101
PC10	TX
PC11	SCS
PC12	SCF
PC13	SDA
PC14	MOSI
PC15	SCK
PC16	PAGE
PC17	PA5
PC18	PA4
PC19	PA3
PC20	+3.3V
PC21	GND
PC22	GND
PC23	PC2
PC24	PC1
PC25	PC0
PC26	PC0
PC27	PC0
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Rev. E

