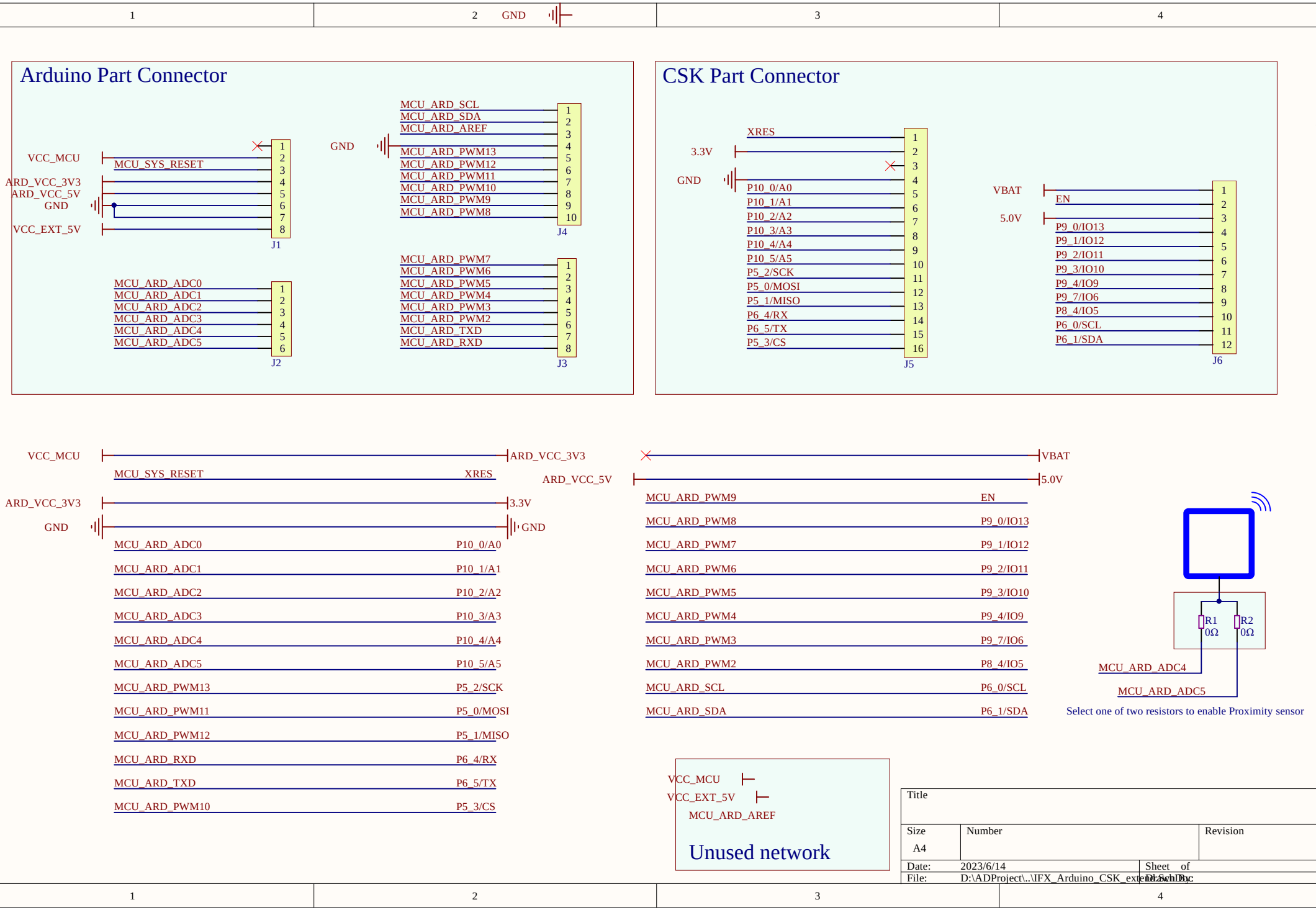
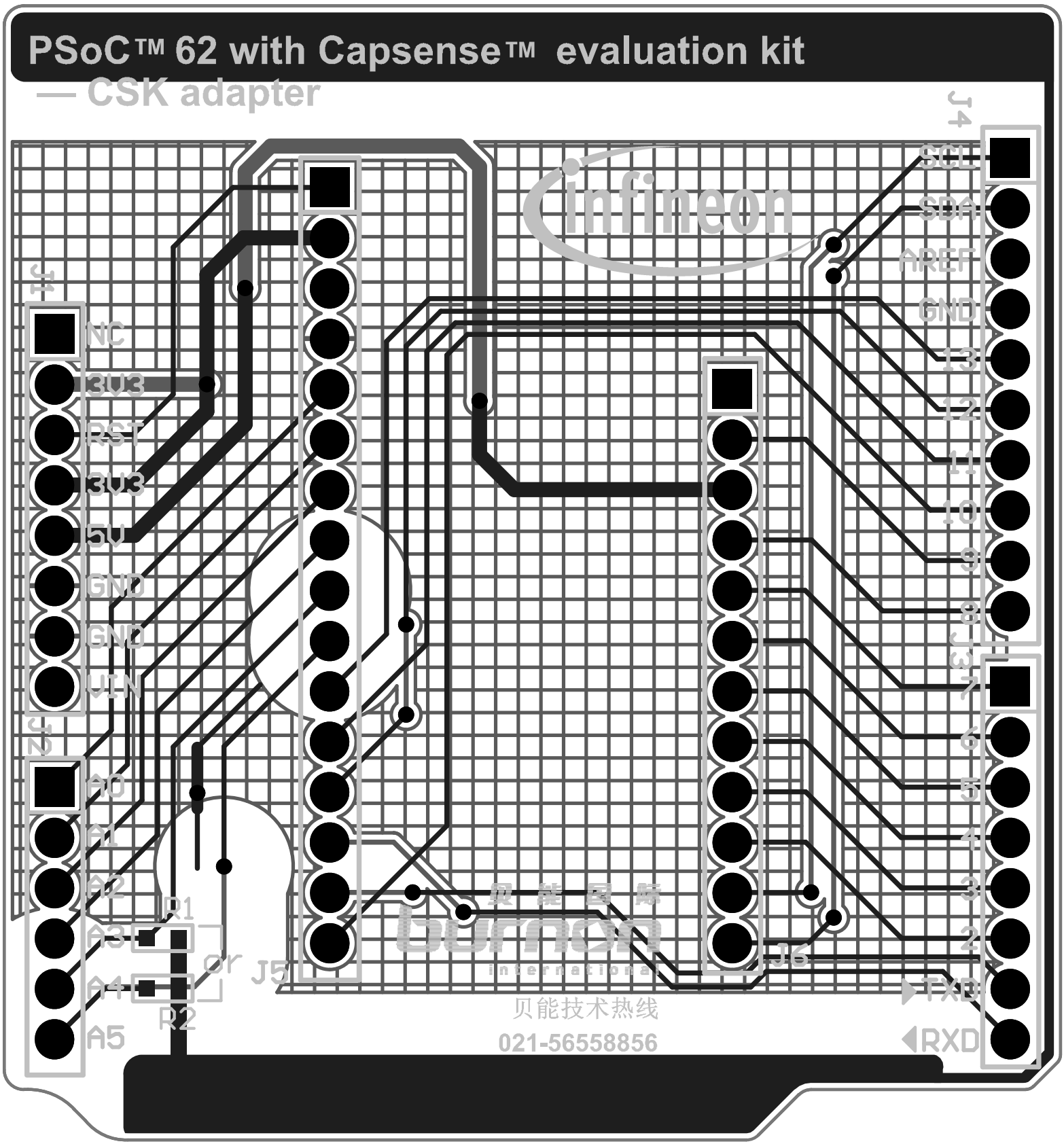

Arduino Part Connector
VCC_MCU
MCU_SYS_RESET
ARD_VCC_3V3
ARD_VCC_5V
GND
VCC_EXT_5V
J1
MCU_ARD_ADC0
MCU_ARD_ADC1
MCU_ARD_ADC2
MCU_ARD_ADC3
MCU_ARD_ADC4
MCU_ARD_ADC5
J2
GND
MCU_ARD_SCL
MCU_ARD_SDA
MCU_ARD_AREF
MCU_ARD_PWM13
MCU_ARD_PWM12
MCU_ARD_PWM11
MCU_ARD_PWM10
MCU_ARD_PWM9
MCU_ARD_PWM8
J4
MCU_ARD_PWM7
MCU_ARD_PWM6
MCU_ARD_PWM5
MCU_ARD_PWM4
MCU_ARD_PWM3
MCU_ARD_PWM2
MCU_ARD_TXD
MCU_ARD_RXD
J3
CSK Part Connector
XRES
3.3V
GND
P10_0/A0
P10_1/A1
P10_2/A2
P10_3/A3
P10_4/A4
P10_5/A5
P5_2/SCK
P5_0/MOSI
P5_1/MISO
P6_4/RX
P6_5/TX
P5_3/CS
J5
VBAT
EN
5.0V
P9_0/IO13
P9_1/IO12
P9_2/IO11
P9_3/IO10
P9_4/IO9
P9_7/IO6
P8_4/IO5
P6_0/SCL
P6_1/SDA
J6
VCC_MCU
ARD_VCC_3V3
MCU_SYS_RESET
XRES
ARD_VCC_3V3
3.3V
GND
GND
MCU_ARD_ADC0
P10_0/A0
MCU_ARD_ADC1
P10_1/A1
MCU_ARD_ADC2
P10_2/A2
MCU_ARD_ADC3
P10_3/A3
MCU_ARD_ADC4
P10_4/A4
MCU_ARD_ADC5
P10_5/A5
MCU_ARD_PWM13
P5_2/SCK
MCU_ARD_PWM11
P5_0/MOSI
MCU_ARD_PWM12
P5_1/MISO
MCU_ARD_RXD
P6_4/RX
MCU_ARD_TXD
P6_5/TX
MCU_ARD_PWM10
P5_3/CS
VBAT
ARD_VCC_5V
5.0V
MCU_ARD_PWM9
EN
MCU_ARD_PWM8
P9_0/IO13
MCU_ARD_PWM7
P9_1/IO12
MCU_ARD_PWM6
P9_2/IO11
MCU_ARD_PWM5
P9_3/IO10
MCU_ARD_PWM4
P9_4/IO9
MCU_ARD_PWM3
P9_7/IO6
MCU_ARD_PWM2
P8_4/IO5
MCU_ARD_SCL
P6_0/SCL
MCU_ARD_SDA
P6_1/SDA
R1
0Ω
R2
0Ω
MCU_ARD_ADC4
MCU_ARD_ADC5
Select one of two resistors to enable Proximity sensor
VCC_MCU
VCC_EXT_5V
MCU_ARD_AREF
Unused network
Title
Size
A4
Number
Revision
Date:
2023/6/14
Sheet of
File:
D:\ADProject\..\IFX_Arduino_CSK_extension.SchDoc
Drawn By:


PSoC™ 62 with Capsense™ evaluation kit
— CSK adapter
J4
SCL
SDA
AREF
GND
13
12
11
10
9
8
J3
7
6
5
4
3
2
TXD
RXD
J6
J1
NC
3V3
RST
3V3
5V
GND
GND
VIN
J2
A0
A1
A2
A3
A4
A5
R1
or
J5
R2
infineon
贝能技术热线
021-56558856

Comment	Description	Designator	Footprint	LibRef	Quantity
Pin Header X8	排针 X8	J1, J3	Pin Header X8	Pin Header X8	2
Pin Header X6	排针 X6	J2	Pin Header X6	Pin Header X6	1
Pin Header X10	排针 X10	J4	Pin Header X10	Pin Header X10	1
Pin Header X16	排针 X16	J5	Pin Header X16	Pin Header X16	1
Pin Header X12	排针 X12	J6	Pin Header X12	Pin Header X12	1
NA	redesigned coil on PCB	PS	Proximity sensor (coil)	Proximity sensor (coil)	1
0Ω	各种电阻	R1, R2	0603 SOP	Resistor	2