

[illegible][illegible]

I2C logic level translator

JNB can have I2C configured as 1V8

Pull-up resistors from 3V3 side are placed on JNB

I2C logic level translator bypass

CAM_SCL_1V8

CAM_SDA_1V8

~~0R~~ ~~R16~~

~~0R~~ ~~R17~~

CAM_SCL_3V3

CAM_SDA_3V3

I2C logic level translator

JNB can have I2C configured as 1V8

Pull-up resistors from 3V3 side are placed on JNB

I2C logic level translator bypass

CAM_SCL_1V8

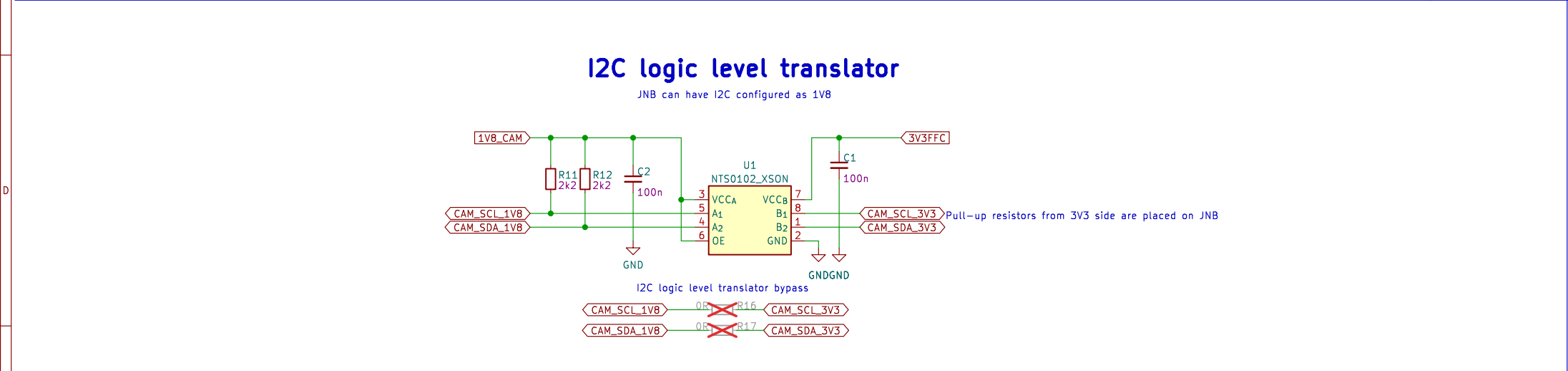
CAM_SDA_1V8

~~0R~~ ~~R16~~

~~0R~~ ~~R17~~

CAM_SCL_3V3

CAM_SDA_3V3



I2C logic level translator

JNB can have I2C configured as 1V8

1V8_CAM

CAM_SCL_1V8

CAM_SDA_1V8

R11 2k2

R12 2k2

C2 100n

U1 NTS0102-XSON

VCCA

VCCB

A1

A2

B1

B2

OE

GND

3V3FFC

C1 100n

CAM_SCL_3V3

CAM_SDA_3V3

Pull-up resistors from 3V3 side are placed on JNB

I2C logic level translator bypass

CAM_SCL_1V8

CAM_SCL_3V3

R16

CAM_SDA_1V8

CAM_SDA_3V3

R17

Mount holes

- MP1 MP_Pad4.5mm_Drill2.2mm
- MP2 MP_Pad4.5mm_Drill2.2mm
- MP3 MP_Pad4.5mm_Drill2.2mm

- ## I2C logic level translator
- JNB can have I2C configured as 1V8
-
- 1V8_CAM
- CAM_SCL_1V8
- CAM_SDA_1V8
- R11 2k2
- R12 2k2
- C2 100n
- U1 NTS0102-XSON
- VCCA
- VCCB
- A1
- A2
- B1
- B2
- OE
- GND
- 3V3FFC
- C1 100n
- CAM_SCL_3V3
- CAM_SDA_3V3
- Pull-up resistors from 3V3 side are placed on JNB
- I2C logic level translator bypass
- CAM_SCL_1V8
- CAM_SCL_3V3
- R16
- CAM_SDA_1V8
- CAM_SDA_3V3
- R17
- ## Mount holes
- MP1
MP_Pad4.5mm_Drill2.2mm
 - MP2
MP_Pad4.5mm_Drill2.2mm
 - MP3
MP_Pad4.5mm_Drill2.2mm

Camera LED

3V8 CAM

330R

R2

D1 LED_G_0603_KP-1608CGCK

GND

3V8 MIPI Camera Power

5V0_SYS

C3 22u

TP6

U2 AP62301Z6-7

VIN

EN

SW

BST

FB

GND

EN - Active H
EN float = auto startup

R14 37k4

R15 10k

L1 2u2/1.6A

C4 100n

C5 22u

C6 22u

TP17

3V8_CAM

1V8 MIPI Camera Power

5V0_SYS

C7 22u

TP18

U3 AP62301Z6-7

VIN

EN

SW

BST

FB

GND

EN - Active H
EN float = auto startup

R18 12k4

R19 10k

L2 2u2/1.6A

C10 100n

C13 22u

C14 22u

TP19

1V8_CAM

PWR_FLAG

antmicro

open source hardware

Camera LED

3V8 CAM

330R

R2

D1 LED_G_0603_KP-1608CGCK

GND

3V8 MIPI Camera Power

5V0_SYS

C3 22u

TP6

U2 AP62301Z6-7

VIN

EN

SW

BST

FB

GND

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R14 37k4

R15 10k

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C4 100n

C5 22u

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