



NX Expansion

10 UART1_RXD

12 | 12S0_SCLK

18 SPI1_CS0

28 | 12C0_SCL

34 36 UART1_CTS

38 | 12SO_DIN

40 I2S0_DOUT

GND

SPI1_CS1

SPI1_MISO

SPI0_CS0

SPI0_CS1

_GPI007

I2C1_SDA_ I2C1_SCL_

GPI009

UART1_RTS 11 SPI1_SCK 13

GPI012

SPI0_MOSI

SPI0_MISO

SPIO_SCK 2

GPI001 29

GPI011 31 GPI013 33 I2S0_FS 35

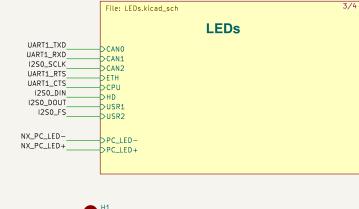
GND

I2CO_SDA

SPI1_MOSI__

GPI001_

GPI011



MountingHole

TNID

RX_INT

- MountingHole
- MountingHole
- MountingHole
- O H2 MountingHole



DESCRIPTON NX-Inte	rface	(J15)	NX-Indicator	(J3)
NX_PC_LED-	1		1	
UART2_RXD	3		2	
UART1_TXD	4		3	
SYS_RST_RCV_RTN	7		4	
SYS_RESETn	8		5	
FORCE_RECOVERY_RTN	9		6	
FORCE_RECOVERYn	10		7	

→ Seeed Studio J401 Carrier Board

→ Seeed Studio J401 Carrier Board Schematic

1 J4 CAN2

→ Seeed Studio J401 Carrier Board Datasheet

→ J401 Measurements

P¹ Samtec 40 pin Elevated Socket



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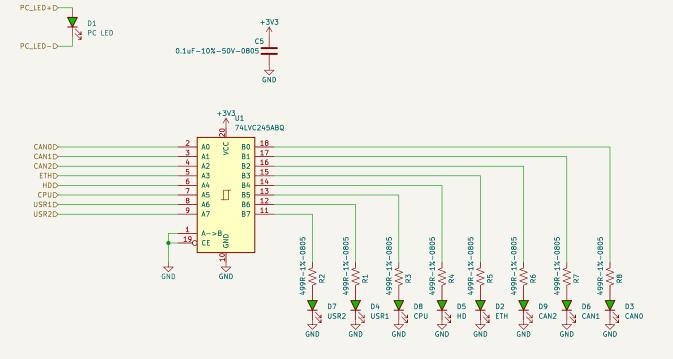
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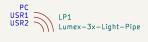
Title: NX Indicator Board V2

 Size: B
 Date: 2024-07-21
 Rev: 2

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NOTE: PULL DOWN RESITORS MUST BE GREATER THAN 50k
TO COMPLY WITH LEVEL TRANSLATOR











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Sheet: /LEDs/
File: LEDs.kicad_sch

Title: NX Indicator Board V2

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