The

Template Shield2Go

infineon

10.16 mm (0.4")

TLV493D

ⓘ Ground pins on board connected with each other.

1	5	GND	18	
2	4	VDD	19	
3	1	SCL	20	
4	6	SDA	21	

22	SDA	6	5	
23	SCL	1	6	
24	VDD	4	7	
25	GND	5	8	

GND · SDA
3V3 · SCL
SCL · 3V3
TLV493D-A1B6
SDA · GND
V1.0

Red Power LED

Hole (11.6mm distance to IC)

Legend

Symbol	Description
🟨	Information
🔵	Labelling of Pins in Datasheet
🟩	Pin Number in Datasheet
⬛	Physical Pin Number
⚠️	Warning
ⓘ	Additional Information
NC	Not Connected

Label	Pin		
5V	1	NC	
AN1	2	NC	NC	10	TX
AN2	3	NC	NC	11	RX
I²C: SDA	4	SDA	NC	12	RST/GPIO2
I²C: SCL	5	SCL	NC	13	GPIO1
Ground	6	GND	NC	14	SPI: CS
Power 3.3V	7	3V3	NC	15	SPI: SCLK
INT/GPIO3	8	NC	NC	16	SPI: MOSI
PWM/GPIO4	9	NC	NC	17	SPI: MISO

3DSense Shield2Go

2.54 mm (0.1")

Solder Bridge J1

Solder Bridge J2
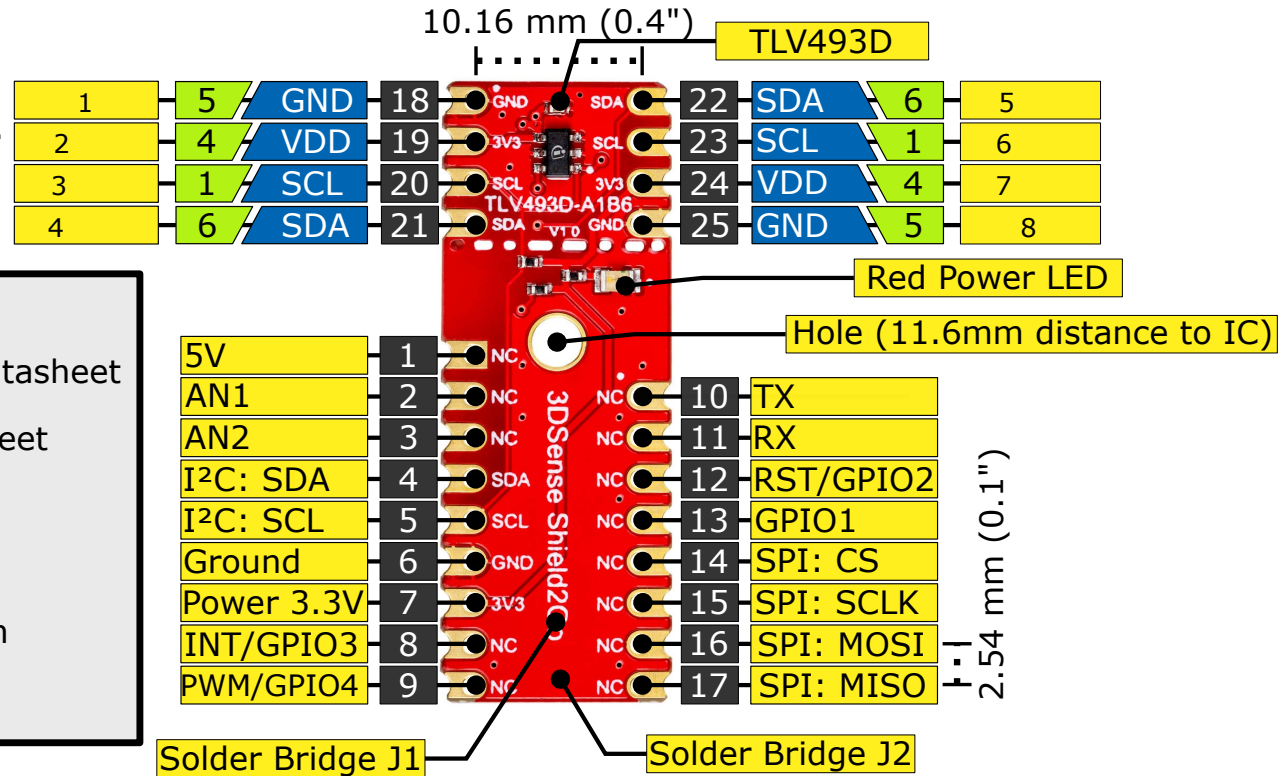
⚠️ The maximum voltage on any pin is 4 V.

ⓘ I2C 1.2kΩ pull-up resistors on SDA and SCL line are already integrated.

V1.0

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