

NPA-7xx Differential Pressure Sensor Breakout Board

Left Right

Ruuvi Connector Pin Header

Ruuvi Connector Horizontal

Top

VDD

C1 100n

U1 NPA-700

R1 10k

R2 10k

GPIO3 | GPIO4 | GPIO5 | Sensor

HI	LO/NC	HI	LO/NC	LO/NC	NPA-7xx-030D
LO/NC	HI	LO/NC	LO/NC	LO/NC	NPA-7xx-015D
LO/NC	LO/NC	LO/NC	LO/NC	LO/NC	NPA-7xx-005D
HI	HI	LO/NC	LO/NC	LO/NC	NPA-7xx-001D
LO/NC	HI	LO/NC	LO/NC	LO/NC	NPA-7xx-10WD
HI	LO/NC	LO/NC	LO/NC	LO/NC	NPA-7xx-05WD
LO/NC	LO/NC	LO/NC	LO/NC	LO/NC	NPA-7xx-02WD

H4

27 x 0.4mm NPTH

H6

MountingHole

Based on Ruuvi Connector Breakout <https://github.com/ruuvi/connector>
License TBD
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File: npa700-breakout-b1.sch

Title: NPA-700 Breakout

Size: A4 Date: 2020-04-13 Rev: B1
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GPIO3	GPIO4	GPIO5	Sensor
HI	HI	LO/NC	
LO/NC	HI	LO/NC	NPA-7xx-030D
HI	LO/NC	LO/NC	NPA-7xx-015D
LO/NC	LO/NC	LO/NC	NPA-7xx-005D
HI	HI	LO/NC	NPA-7xx-001D
LO/NC	HI	LO/NC	NPA-7xx-10WD
HI	LO/NC	LO/NC	NPA-7xx-05WD
LO/NC	LO/NC	LO/NC	NPA-7xx-02WD