

Test 1: voltage at Butto2 is 0Vdc and R96 == 220kΩ -> Pin33 == ~3.5Vdc

The screenshot shows the GPIOA register window with the following properties and values:

Property	Value
PDOR	0
PDO	0x00000000
PSOR	0
PCOR	0
PTOR	0
PDIR	0x00101024
PDDR	0
PIDR	0xFFFFFFFF
PID	0xFFFFFFFF

PDOR
[Bits 31..0] RW (@ 0x400FF000) Port Data Output Register

Watch 1 | GPIOA

Test 2: voltage at Butto2 is 0Vdc and R96 <=150kΩ -> Pin33 == ~0Vdc

The screenshot shows the GPIOA register window with the following properties and values:

Property	Value
PDOR	0
PSOR	0
PCOR	0
PTOR	0
PDIR	0x00101020
PDI	0x00101020
PDDR	0
PIDR	0xFFFFFFFF
PID	0xFFFFFFFF

PDDR
[Bits 31..0] RW (@ 0x400FF014) Port Data Direction Register