Native_VBUS

D1
Schott

PIO_VBUS

R1
10k

Pch MOSFET
Q2

R2
200k

2   3

PIO_Enable

1

PIO_Enable   2

3

Q1
2N7000

R3
300k

1

Native_GND

PIO_GND

PIO_Device

R4
1.5k

R5
27R

GPIO_DP

PIO_DP

R6
27R

GPIO_DM

PIO_DM

wiring example

U1
XIAO

1	D0	5V	14	Native_VBUS
2	D1	GND	13	Native_GND
3	D2	3V3	12	
4	D3	D10	11	
GPIO_DP 5	D4	D9	10	PIO_Device
GPIO_DM 6	D5	D8	9	PIO_Enable
7	D6	D7	8	

Procedure:

Initialize:
PIO_Enable: input no pull
PIO_Device: not initialized

PIO_Enable is LOW
->(Native USB is device)
->Set PIO_Enable Output && Put PIO_Enable HIGH
->Initialize Native USB Device, PIO Host

PIO_Powered is HIGH
->(Native USB is host)
->Put PIO_Device HIGH
->Initialize Native USB Host, PIO Device

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