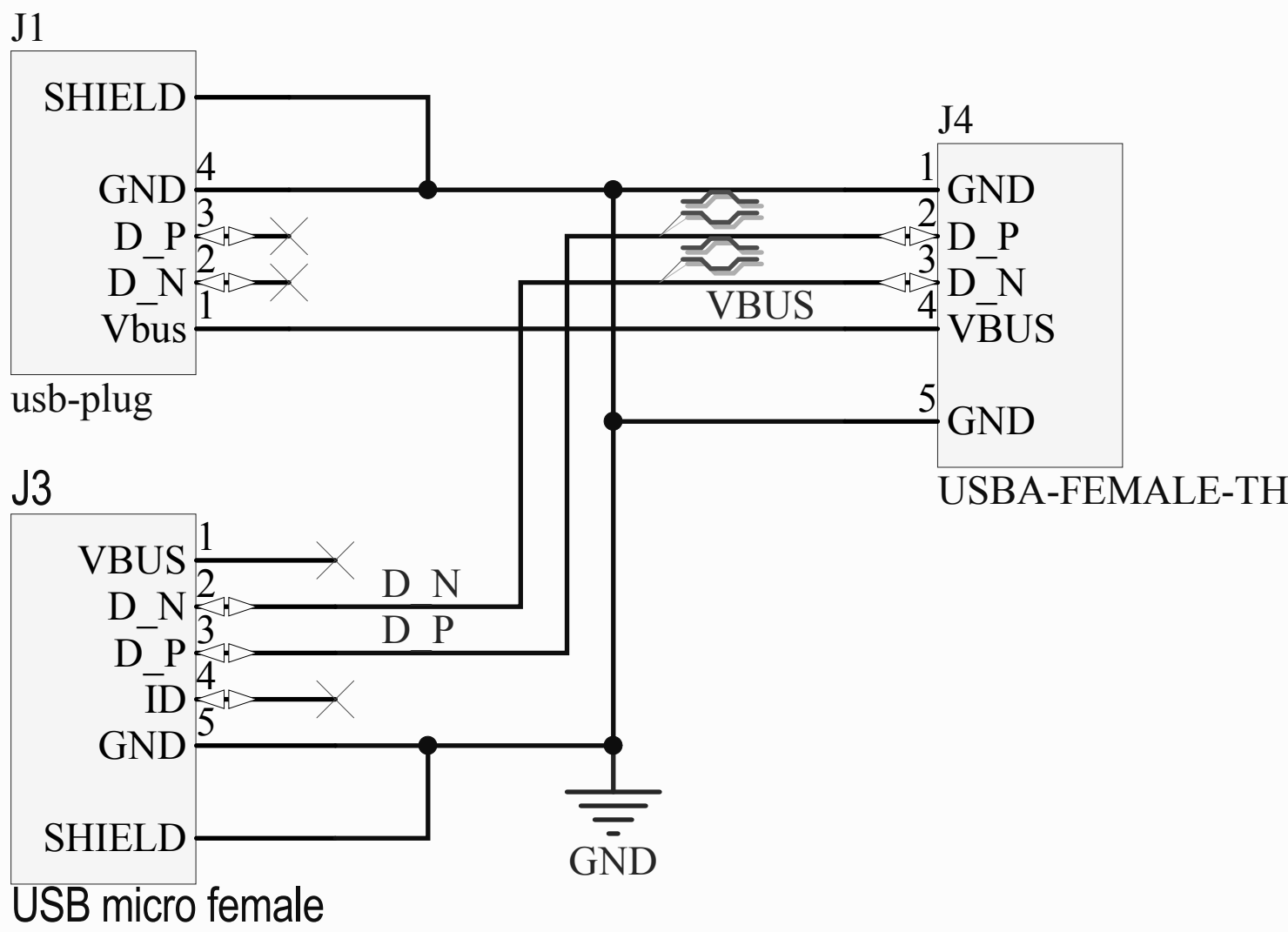| Comment	Description	Designator	Footprint	LibRef	Quantity
usb-plug		J1	usb-plug-molex	usb-plug	1
USB micro female	5-pin Female SMT USB mini-AB (OTG) Receptacle Molex	J3	usb_micro_ab_molex	USB_micro_ab	1
USBA-FEMALE-TH	USBA-FEMALE-THR	J4	USBA-FEMALE-THR	USBA-FEMALE-THR	1

J1

SHIELD
GND 4
D_P 3
D_N 2
Vbus 1

usb-plug

J4

1 GND
2 D_P
3 D_N
4 VBUS

VBUS

5 GND

USBA-FEMALE-TH

J3

VBUS 1
D_N 2
D_P 3
ID 4
GND 5

SHIELD

USB micro female

D_N
D_P

GND

J1　J4

J3　+