web openqcm.com
mail info@openqcm.com
powered by Novaetech Srl
Piazza Bartolo Longo, n. 28 - Palazzo Europa
80045, Pompei (NA), ITALY

openQCM Quick Guide

Pinout and Connections for 14 mm Quartz Holder (SKU: HLDR-NOUSB-01) with openQCM Teensy Shield (SKU: openQCM-TEENSY-1)

authors: openQCM Team
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Pinout 14 mm Quartz Holder (SKU: HLDR-NOUSB-01)

GND	Electrical Ground
SENS-	Quartz crystal electrode (bottom surface)
SCL (T-)	I2C Bus Clock
SIG	Not Connected
SDA (T+)	I2C Bus Data
SENS +	Quartz crystal electrode (top surface)
VDC	Not Connected

Pinout Teensy Shield – Proximity PCB (SKU: HLDR-NOUSB-01)

GND	Electrical Ground
X1	Quartz crystal electrode
X2	Quartz crystal electrode

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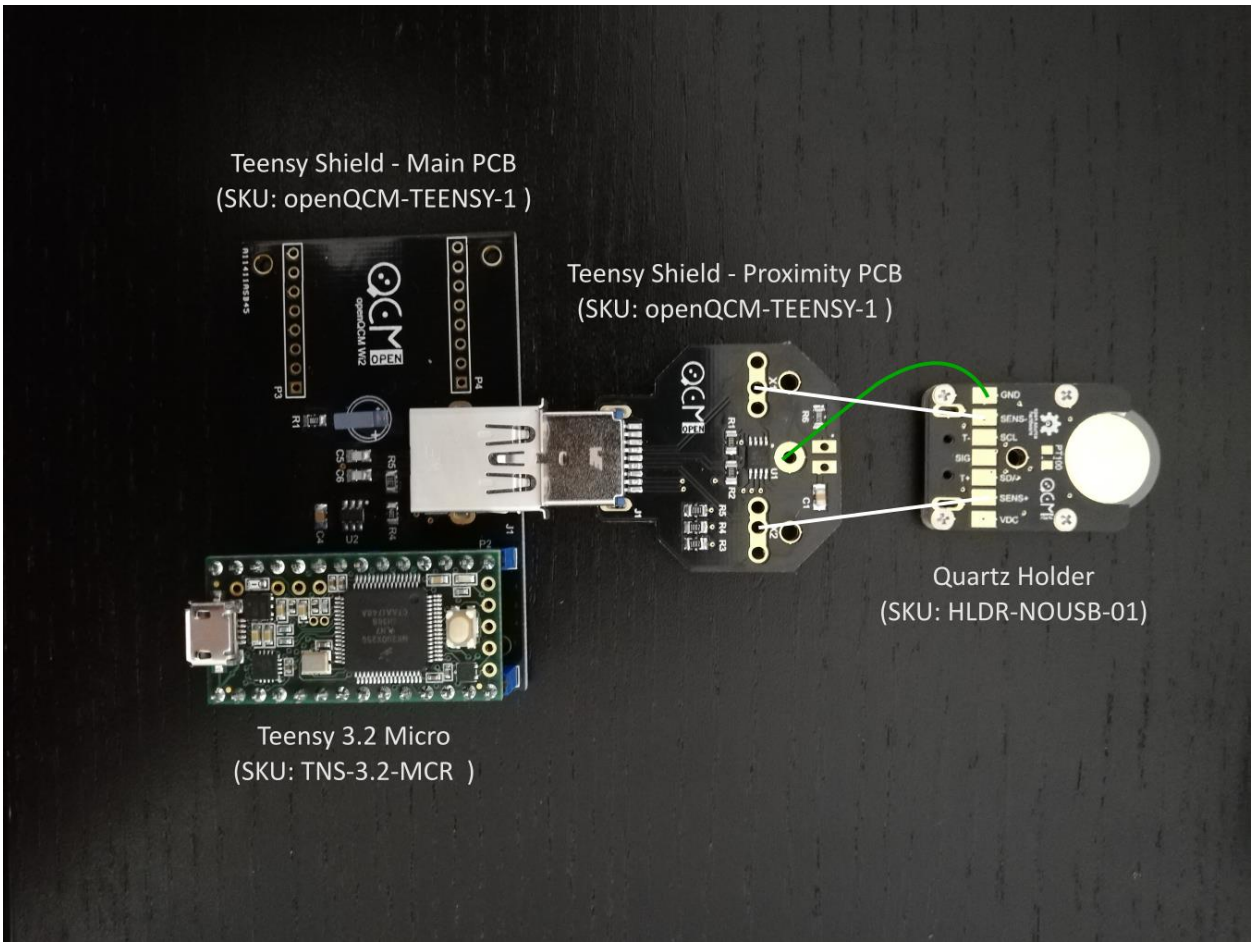
Connections between Quartz Holder and Teensy Shield



The connecting cables must be as short as possible (10 cm).
Connect the electrical ground for shielding the cables

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