

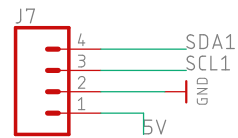
BOM
Spring Loaded Connectors
Digi-Key Part Number
ED8199-04-ND

0.1" pitch, 0.017" diameter pins
<https://www.digikey.com/product-detail/en/mill-max-manufacturing-corp/821-22-004-10-002101/ED8199-04-ND/1146641>
initial height: 0.197" (5mm)
stroke 0.055" (1.39 mm)

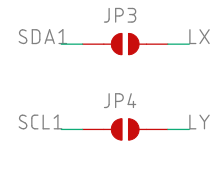
i2c Extender
P82B715
Digi-Key Part Number
296-24729-2-ND

<https://www.ti.com/lit/ds/symlink/p82b715.pdf?HQS=TI-null-null-digikeymode-df-pf-null-ww&ts=1596177021478>

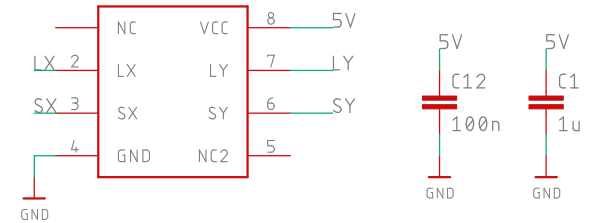
Connector from Master



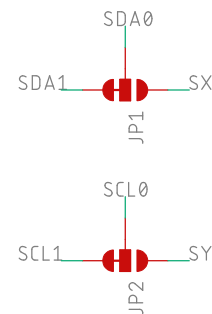
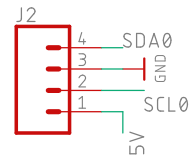
Jumpers NO



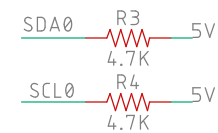
i2c Extender
P82B715



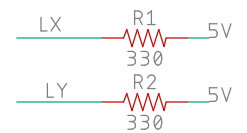
Spring Connector
to Sensirion



I2C Sensirion Pullup



I2C Buffer Pullup



Warning:
The P82B715 level shifts the i2c signals to 5V.
If we end up putting the 2nd chip on the master board,
be sure it level shifts back down to 3.3V or take other action as needed.