**LSM6DSO32TR-** <https://www.digikey.com/en/products/detail/stmicroelectronics/LSM6DSO32TR/11694177>

**Datasheet:**

<https://www.st.com/resource/en/datasheet/lsm6dso32.pdf>

**EDA models**:

<https://www.digikey.com/en/models/11694177>

**MS560702BA03-50-** <https://www.digikey.com/en/products/detail/te-connectivity-measurement-specialties/MS560702BA03-50/4700931>

**Datasheet:** <https://www.te.com/commerce/DocumentDelivery/DDEController?Action=srchrtrv&DocNm=MS5607-02BA03&DocType=Data%20Sheet&DocLang=English&DocFormat=pdf&PartCntxt=MS560702BA03-50>

**EDA Models:**

<https://www.snapeda.com/parts/MS560702BA03-50/TE%20Connectivity%20ALCOSWITCH%20Switches/view-part/>

**CAM-M8-C-**

<https://www.digikey.com/en/products/detail/u-blox/CAM-M8C-0/6150647>

**Datasheet:**

<https://content.u-blox.com/sites/default/files/CAM-M8-FW3_DataSheet_%28UBX-15031574%29.pdf>

**EDA Models:**

<https://www.digikey.com/en/models/6150647> \*

\*Model kinda sucks for this one but couldn’t find better\*

Notes:

For the SDA and SCL lines each sensor doesn’t need its own pullup resistor just one 10k ohm resistor from VDD to each line should be sufficient

The ref images are straight from the datasheet and what I used to make my circuits, they’re a little easier to follow I think so included them, also only included the CAM M8 reference since the EDA model is so bad I don’t think my Kicad schematic is very helpful for that one

VDD\_IO can just be connected to VDD since both the ESP32 and sensors will run at 3.3V