Three-dimensional Image Sensor

Status: Filled

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Sponsor(s):   Intelligent Sensing Laboratory (ISL)

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Project Description

The goal is to develop an image sensor that can provide information about the location of objec6.7 (at)- 2TP TJ a-20 11.7 (hah)3 (6.7 (at)- 2TP TJf(at)-11.7 (i)-3r(ee)2,areTativeTy-tow4TP TJfJ a-.ewa density discrete prototype (25-100 pixels) will be developed and used for the development of the signal processing algorithms for the detection of light sources and estimation of their distances. The team will need to design a printed circuit board (PCB) and build prototypes that include integration of light sensors, interface electronics, and a microcontroller for computations.

The IP generated in this project will be made available to the public through publications or creating open-source projects.

Required skill sets
      Circuit and circuit board design