

A wide-angle shot of a movie theater interior. The room is dark, with the primary light source being the large white screen at the front. The screen displays the word "AXIOM" in a bold, sans-serif font. The letter 'O' is a solid orange circle, while the other letters are grey. The theater is filled with rows of plush, red upholstered seats, viewed from the back of the room. The walls are dark grey or black, featuring several small, square speakers mounted on them. The ceiling has recessed lighting strips and a few small spotlights. The overall atmosphere is quiet and focused on the presentation on the screen.

AXIOM



WELCOME
HANDS ON



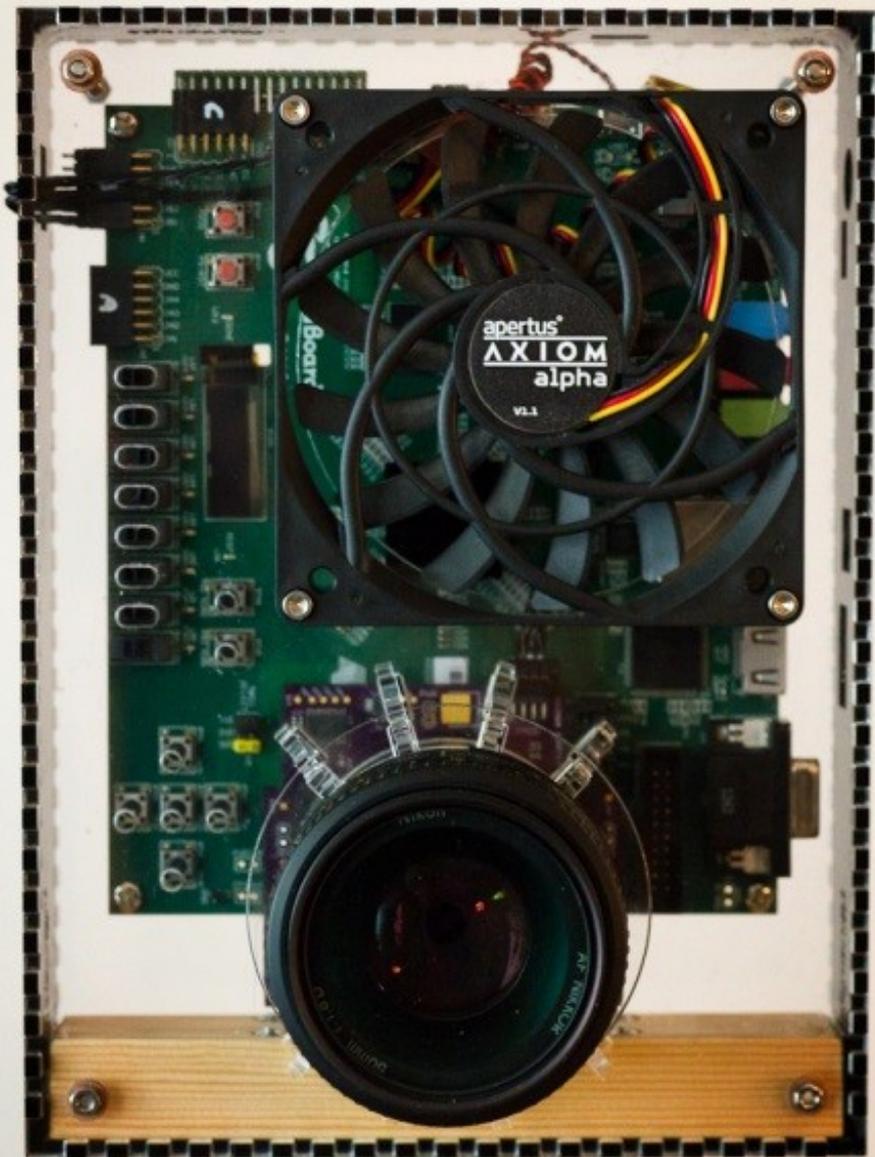
DANGER
HANDS OFF



apertus^o
open source cinema

„I grew up as a photographer in a dark room, and I miss the intimacy of watching the image slowly appear on the paper in red of the safe light. The beauty of an open source camera to me is a step back toward the dark room, in which making the tools is part of the joy of making the art.“

Lee Parker – IMAX Cinematographer



AXIOM Beta: The first open digital cinema camera

Vienna, Austria

Technology

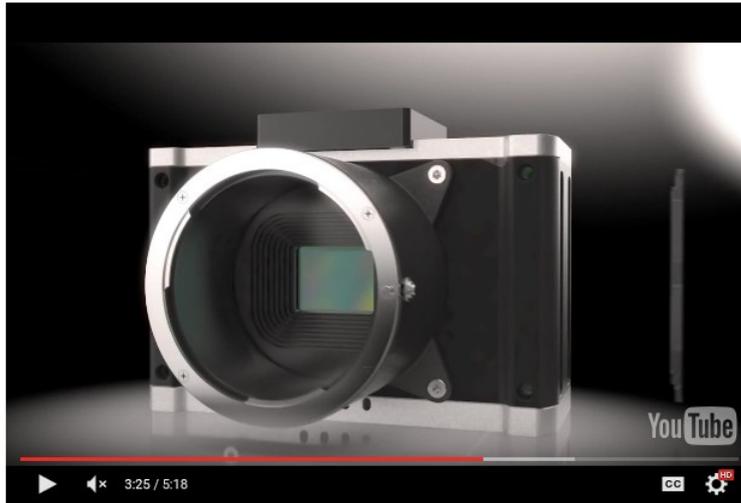
Story

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Creating the first free software and open hardware digital cinema camera.



Sebastian Pichelhofer

Identity Verified

Email Verified



Technology

Vienna

Austria

InDemand

€204,568 EUR

total funds raised

Original campaign was 175% funded on October 9, 2014

CLOSED

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POWER

REC

STATE

AXION V

White Balance

- Home icon
- Left arrow icon
- Right arrow icon
- Up arrow icon
- Tungsten 3200K (highlighted)
- Fluorescent 4300K
- Daylight 5600K
- Down arrow icon

Cancel

Add

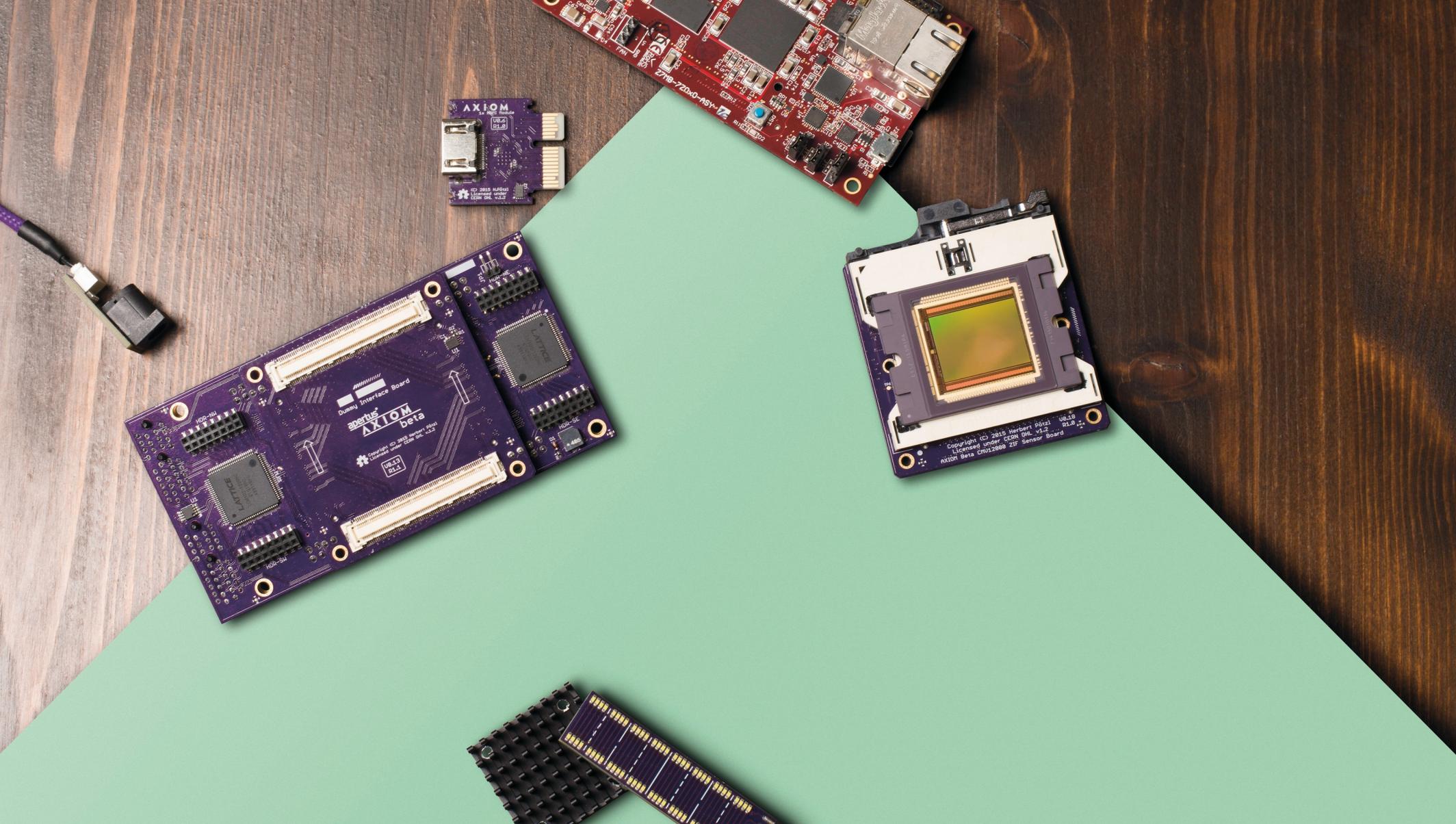
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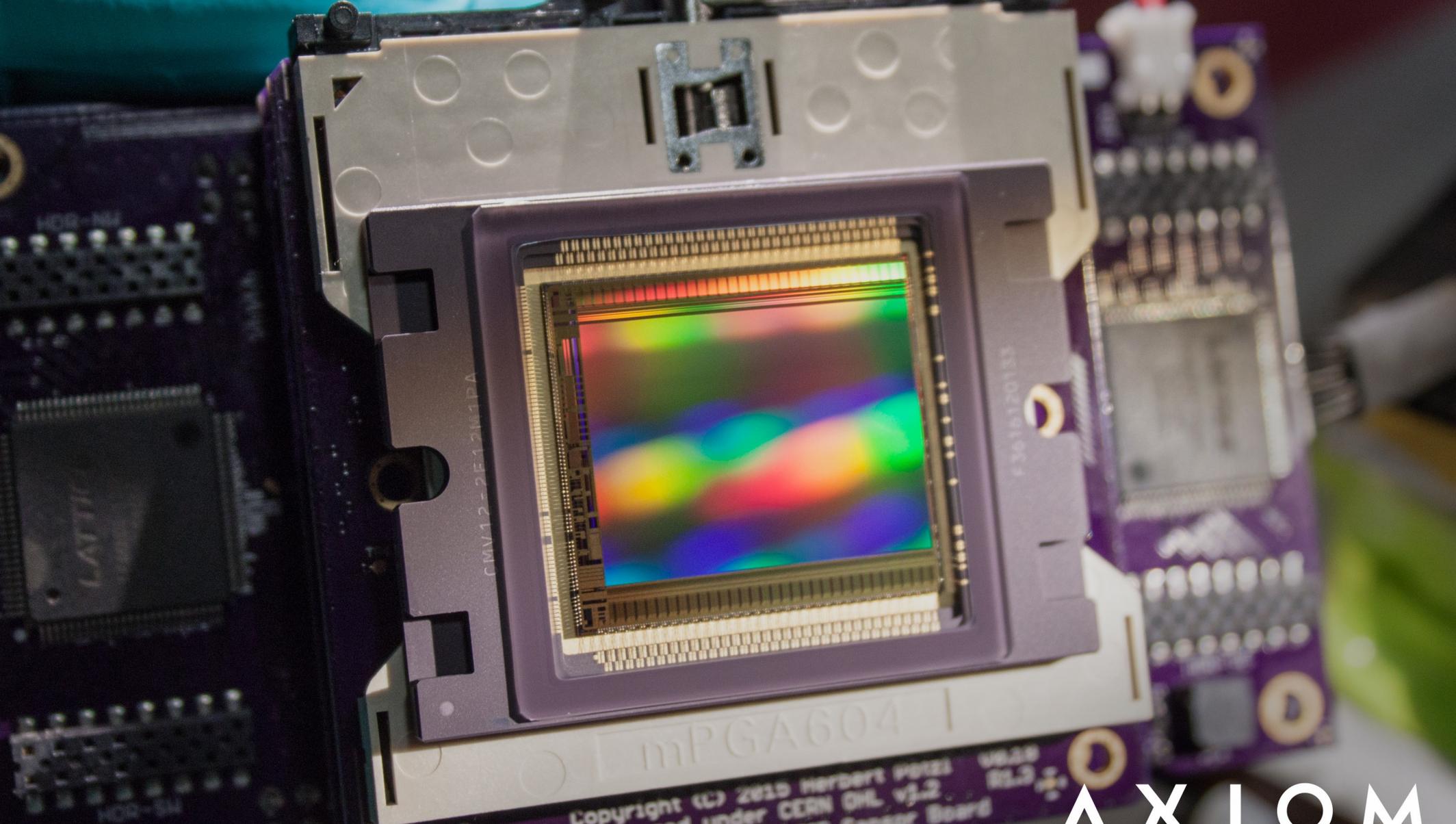
OPERATION

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HQR-NM

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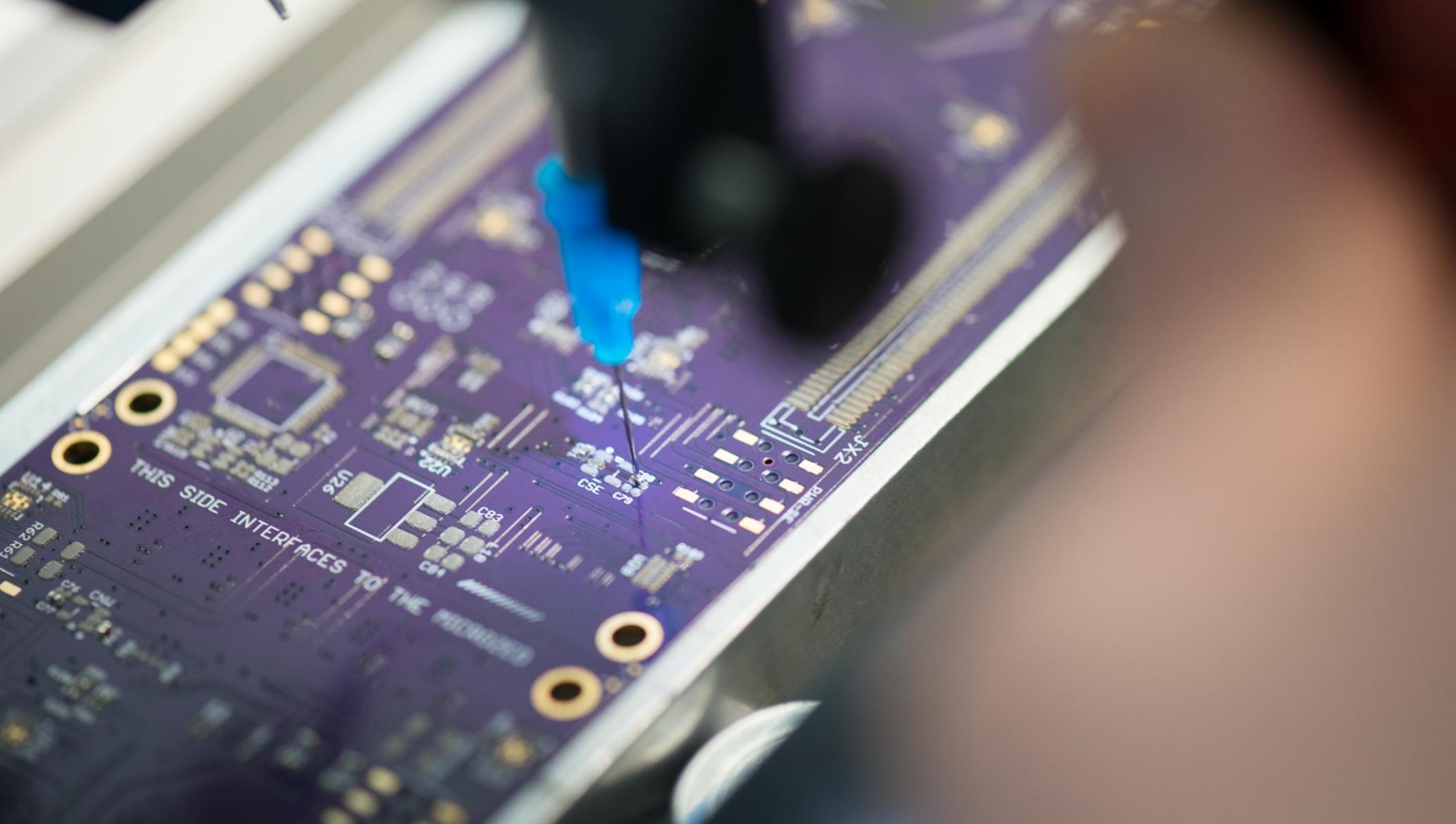
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mPGA604

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Sensor Board

AXIOM



THIS SIDE INTERFACES TO THE PRELIMINARY

U26

C83

C81

JX2

C85

C82

C84

C86

C87

C88

C89

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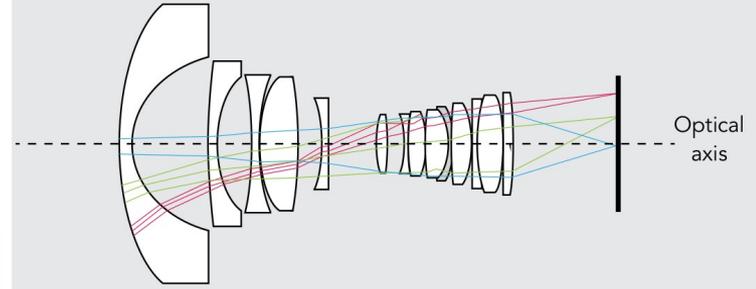
C290



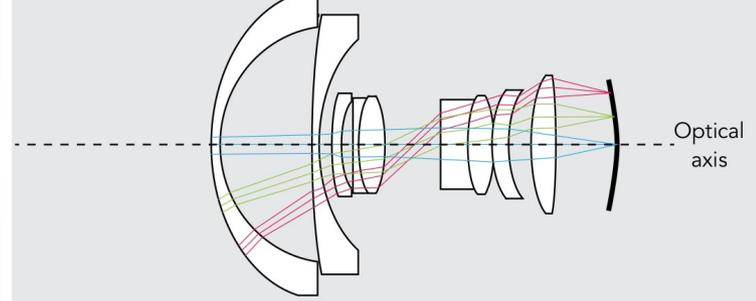


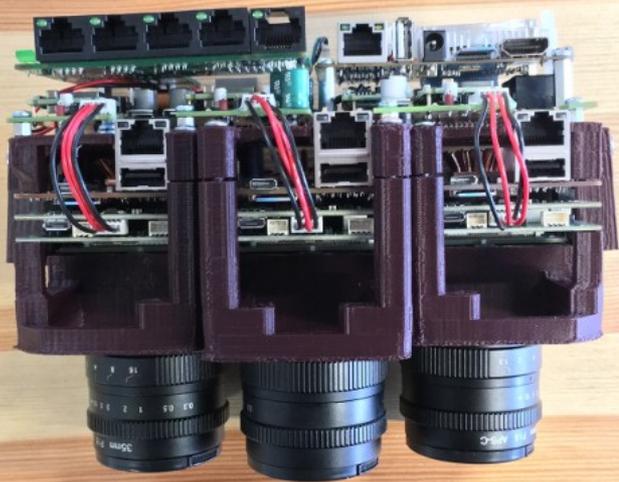


Flat image sensor



Curved image sensor









Google Summer of Code

- Mentoring Organization since 2017
- Join us for GSoC 2020
- Topics: FPGA/VHDL, Embedded Linux, C/C++

Join the Team

Become part of a very welcoming, international community with very diverse background:

artists, designers, filmmakers,
cinematographers, software developers,
hardware developers, mechanical & optical
engineers, etc.

Sample Footage

AXIOM

apertus^o
open source cinema

www.apertus.org

Sebastian Pichelhofer

Project Lead

sp@apertus.org

Organization Structure

- Non Profit Association (Austria)
- Ltd. Company (Belgium)
- Cooperative (wip) (Austria)

- Worldwide Community (Do-ocracy)