

Het ontwerpen van innovatieve elektronica

Woensdag 20 maart 2024 1931 Congrescentrum 's-Hertogenbosch



DENE EVENT '24

A DELFT HYPERLOOP YEAR: TOO MANY PCB'S, TOO

LITTLE TIME



Cem Celikbas Team Captain



Guus Backeland Lead Sense & Control





150% increase by 2050

SOURCE: OECD, INTERNATIONAL TRANSPORT FORUM

Why don't we travel less?



We connect





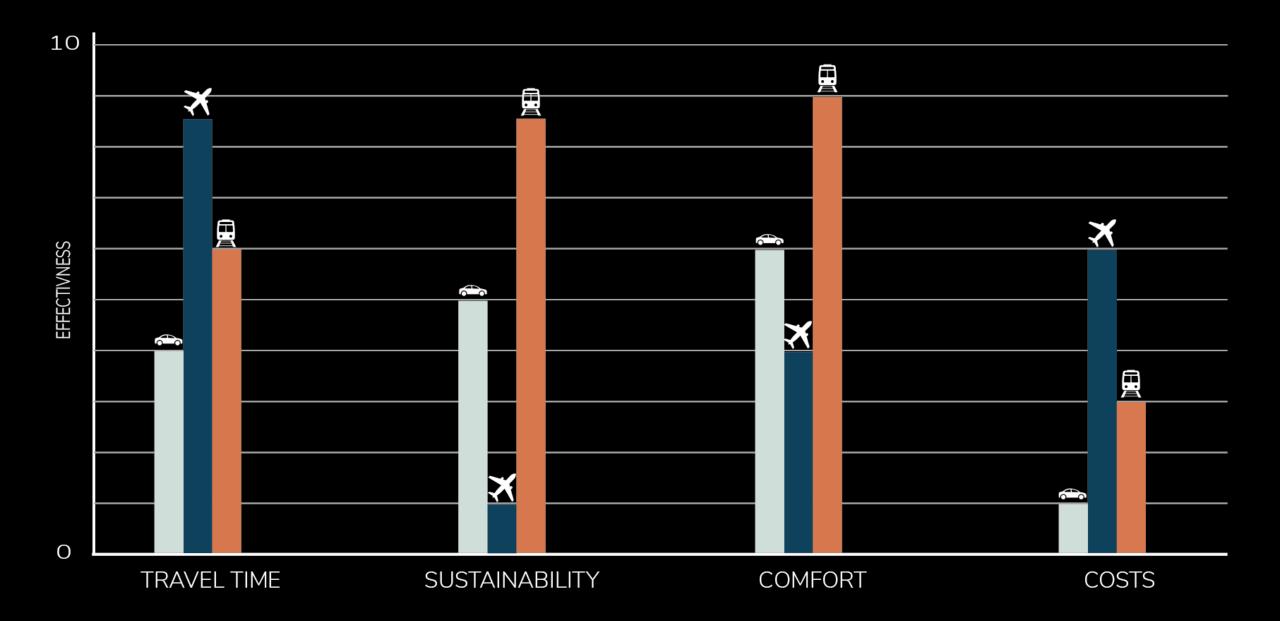
How can we **connect** the world **sustainably?**







Travel Time Sustainability Comfort Costs



Travel Time Sustainability Comfort Costs

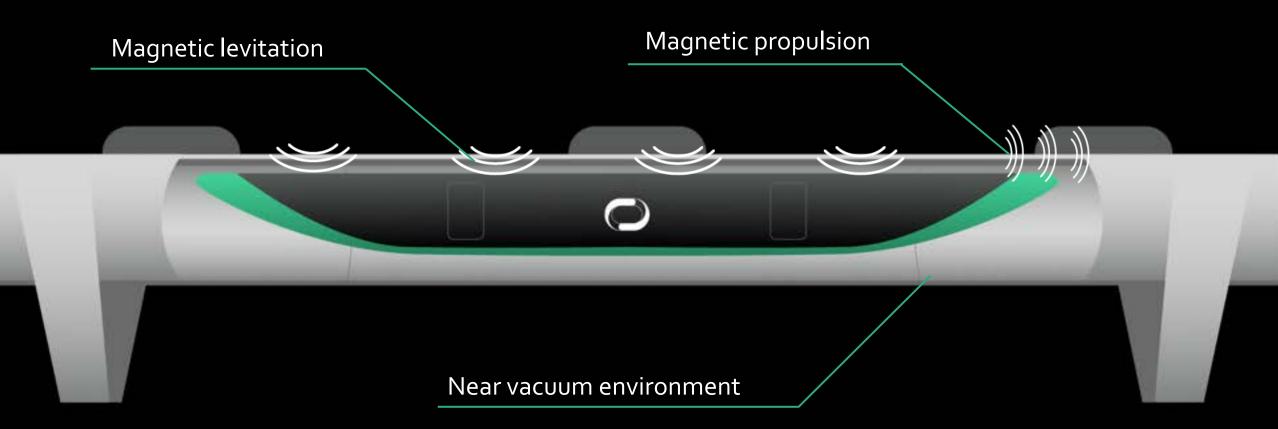




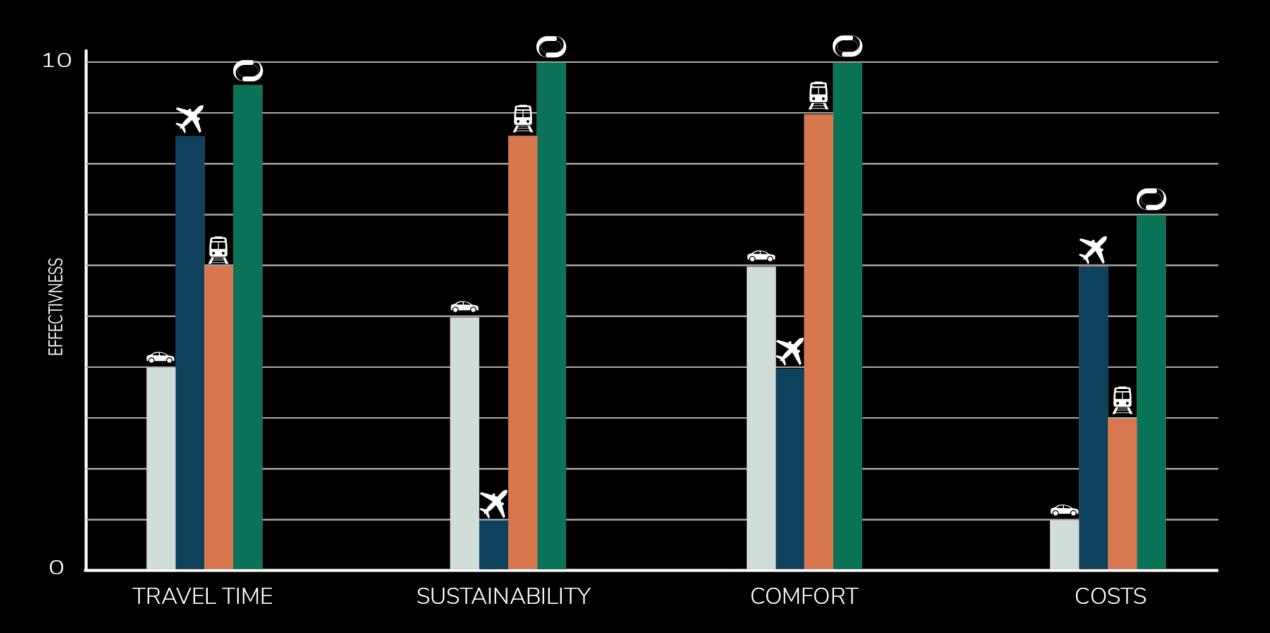


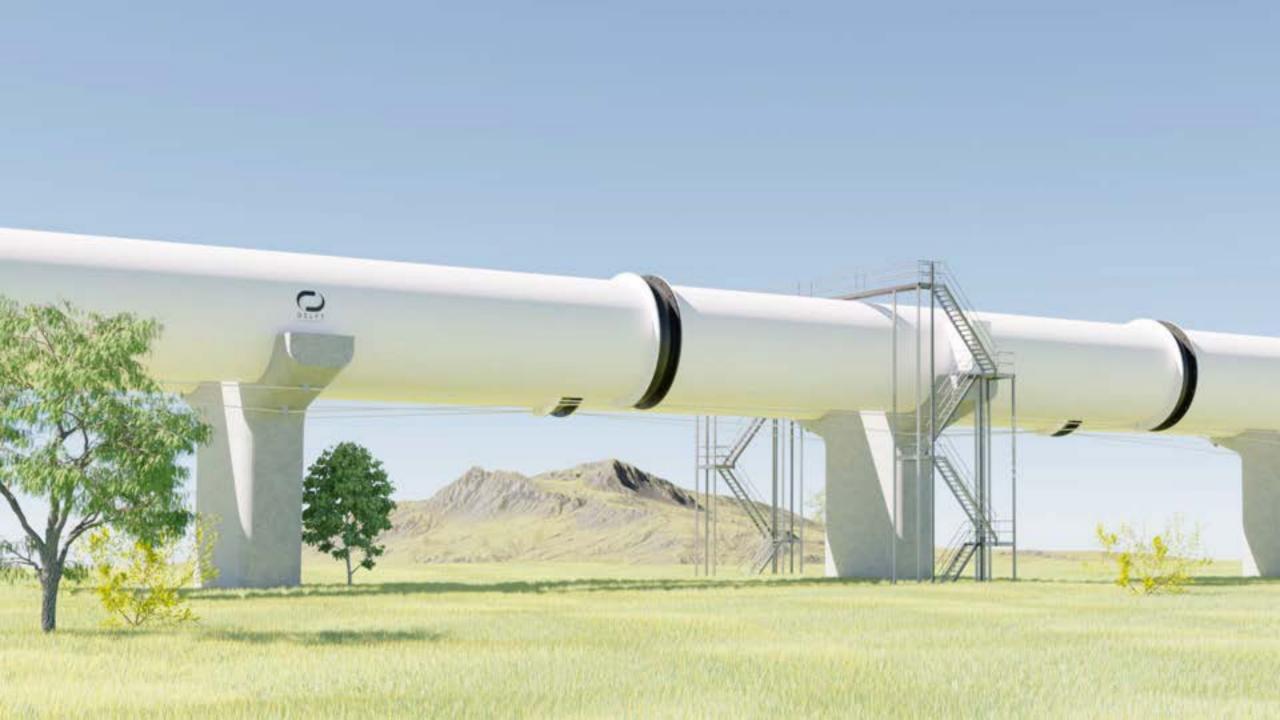
ROLLING RESISTANCE

EPSON



Travel Time Sustainability Comfort Costs













EUROPEAN HYPERLOOP WEEK





Complete Pod Design Award Full-Scale Awards

DELFT HYPERLOOP

CONCEPTUAL FEASIBILITY STUDY OF HYPERLOOP VEHICLE THERMAL MANAGEMENT SYSTEMS

2023 EUROPEAN HYPERLOOP WEEK EDINBURGH

> LIDWIN DE WIT TWAN TERPSTRA

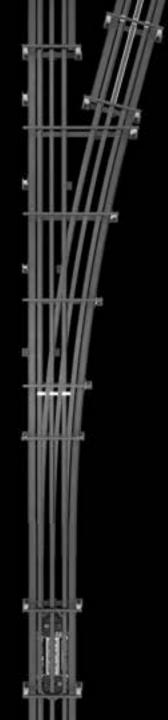
DELFT HYPERLOOP

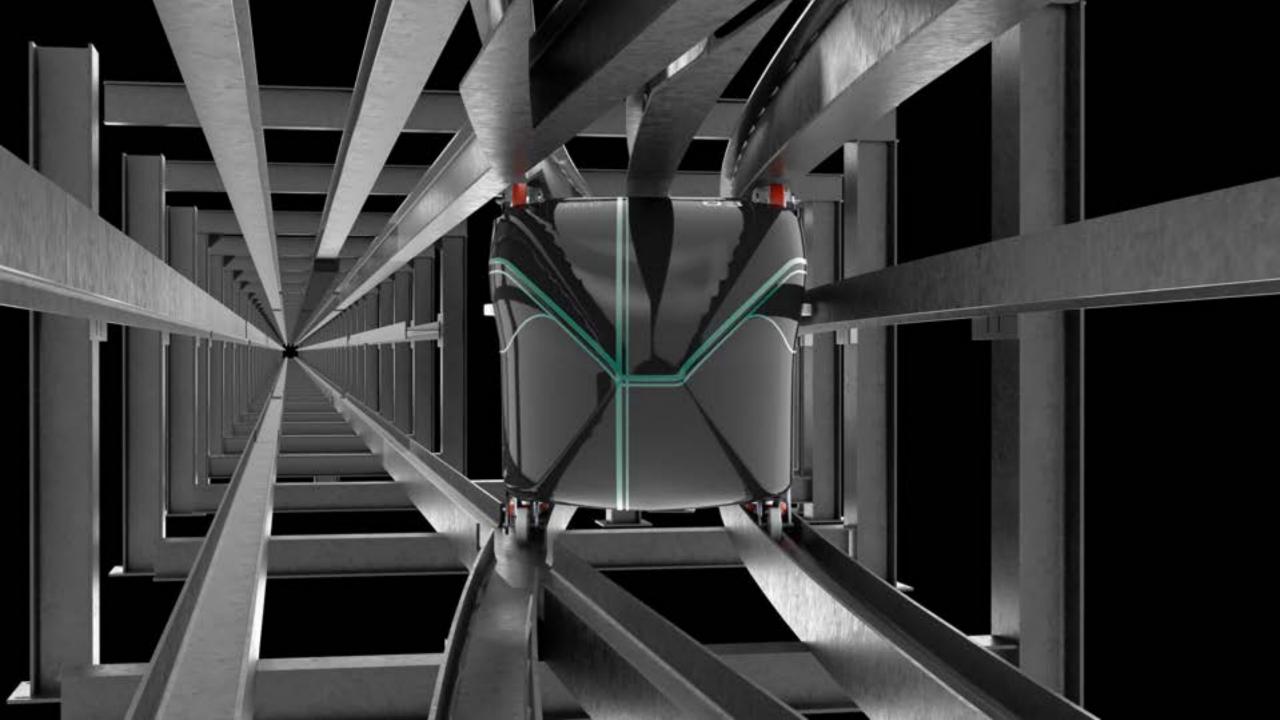
THE COMMUNITY ACCEPTANCE OF THE HYPERLOOP INFRASTRUCTURE

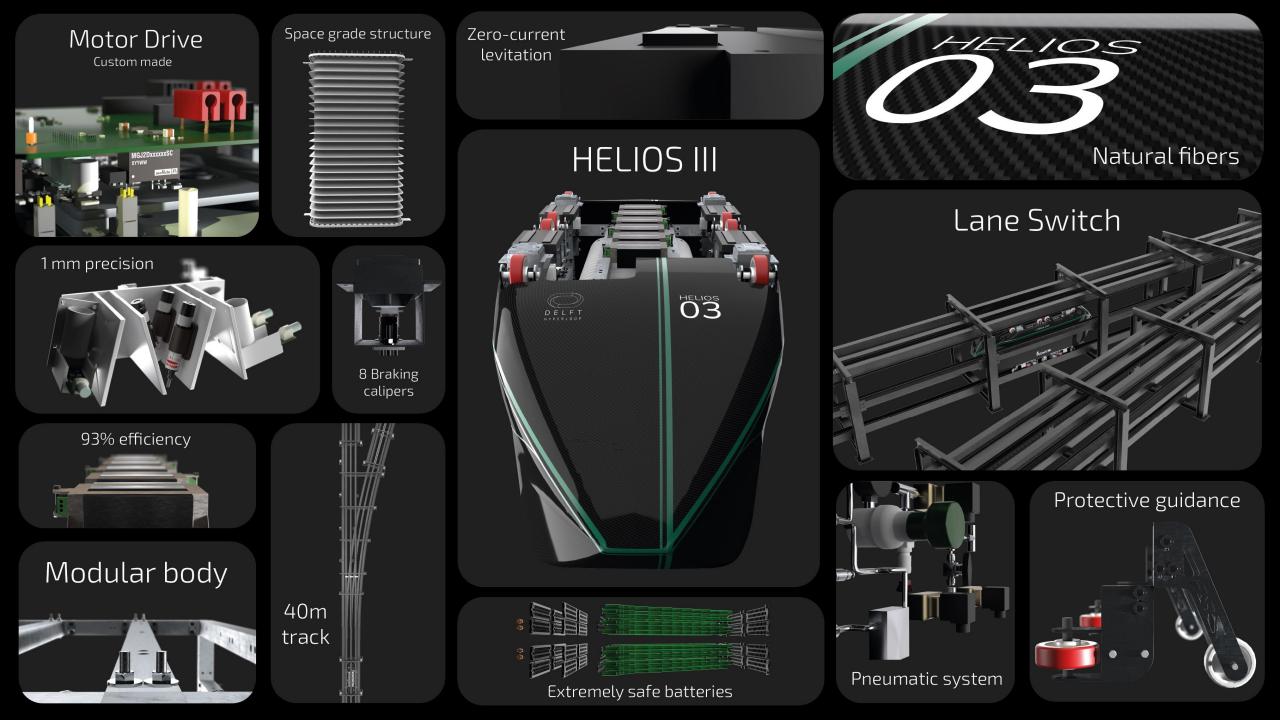
2023 EUROPEAN HYPERLOOP WEEK EDINBURGH

> SARAH DUISTER LOTTE WESTRIK BROEKSMA



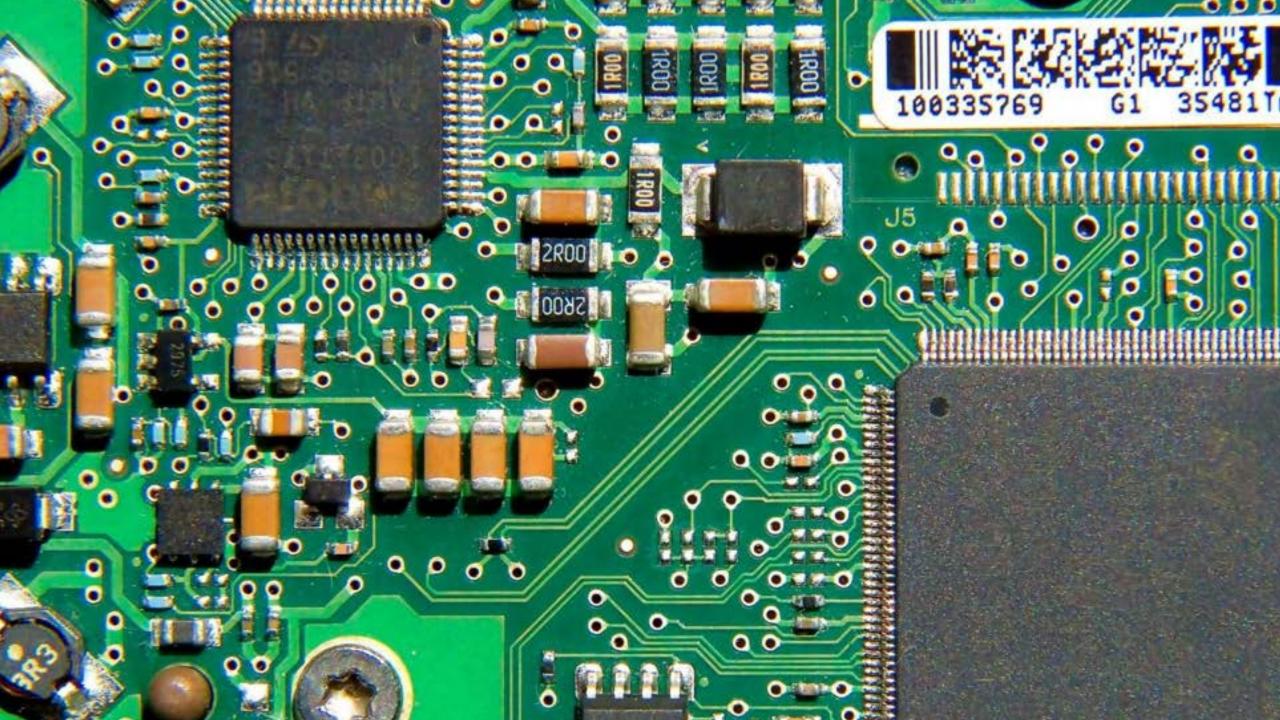






What to control in a Hyperloop?









Guus Backelandt Lead



Francisco Amaro Software



Gonzalo Crespo Roche Embedded Systems



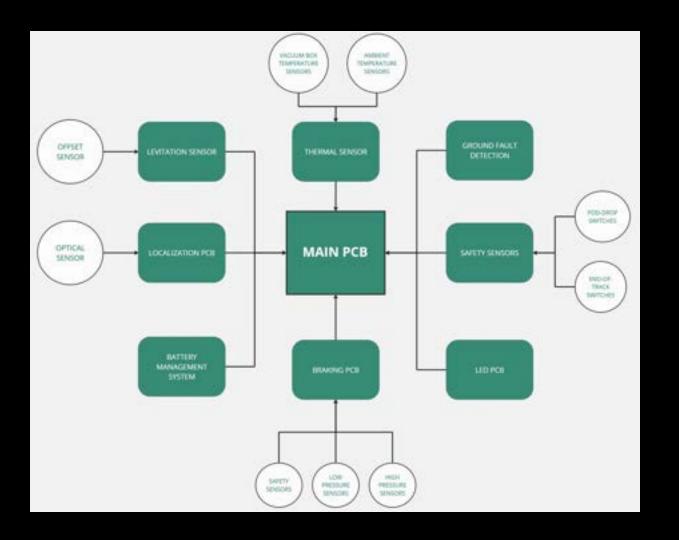
Andreas Tsatsanis Software



Tirth Megani Embedded Systems

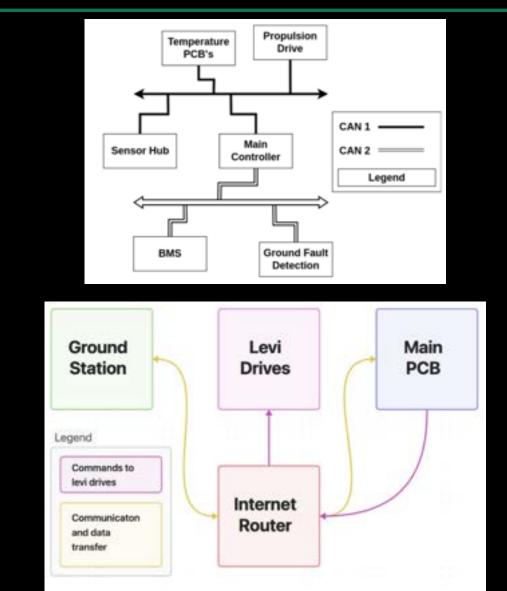


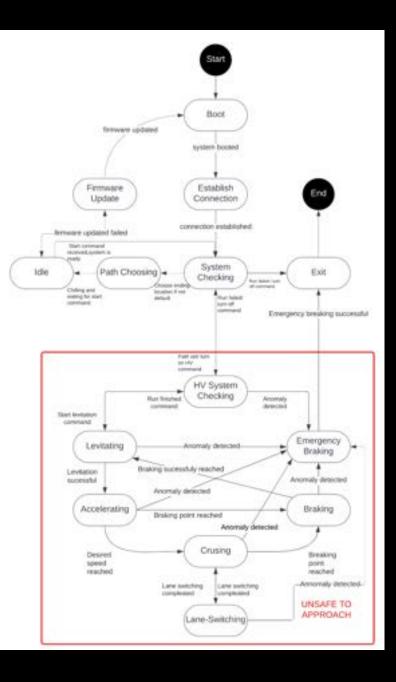
Hardware Topology





Software Topology







Software without hardware

Am



STITLE .

N

120

Till

Tight Deadlines

Anno



N

1200

Juli

STATION .

Many interfaces

S

JIM

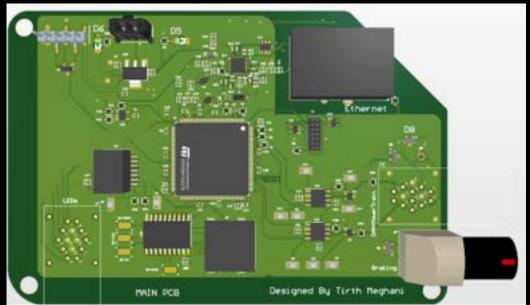


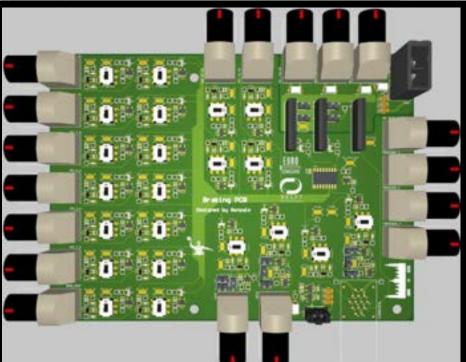
Z

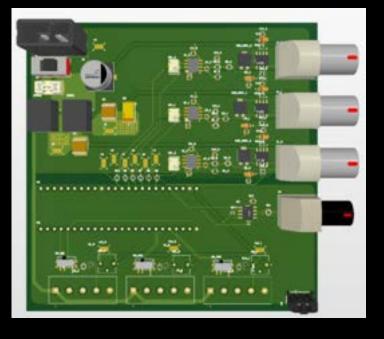
14

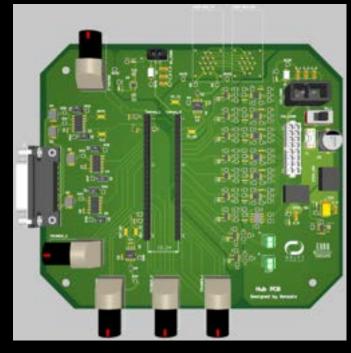
- ALIAN AND A

MANIN



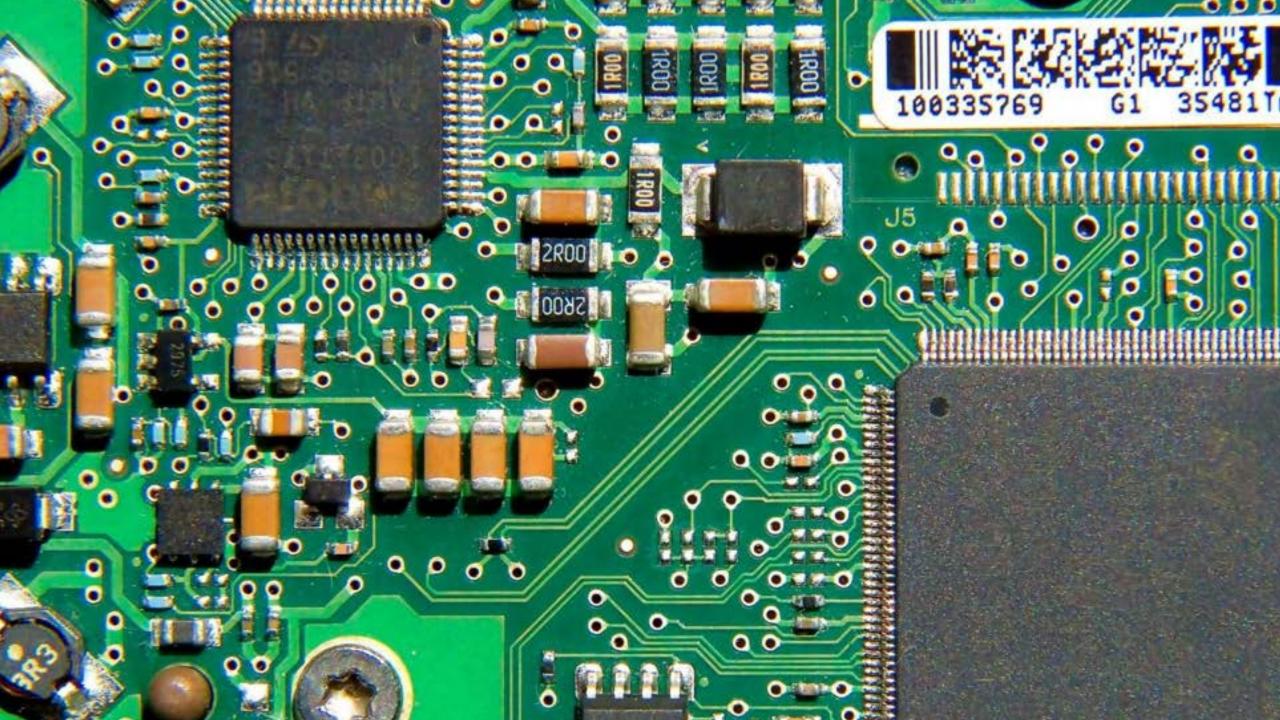














Het ontwerpen van innovatieve elektronica

Woensdag 20 maart 2024 1931 Congrescentrum 's-Hertogenbosch

