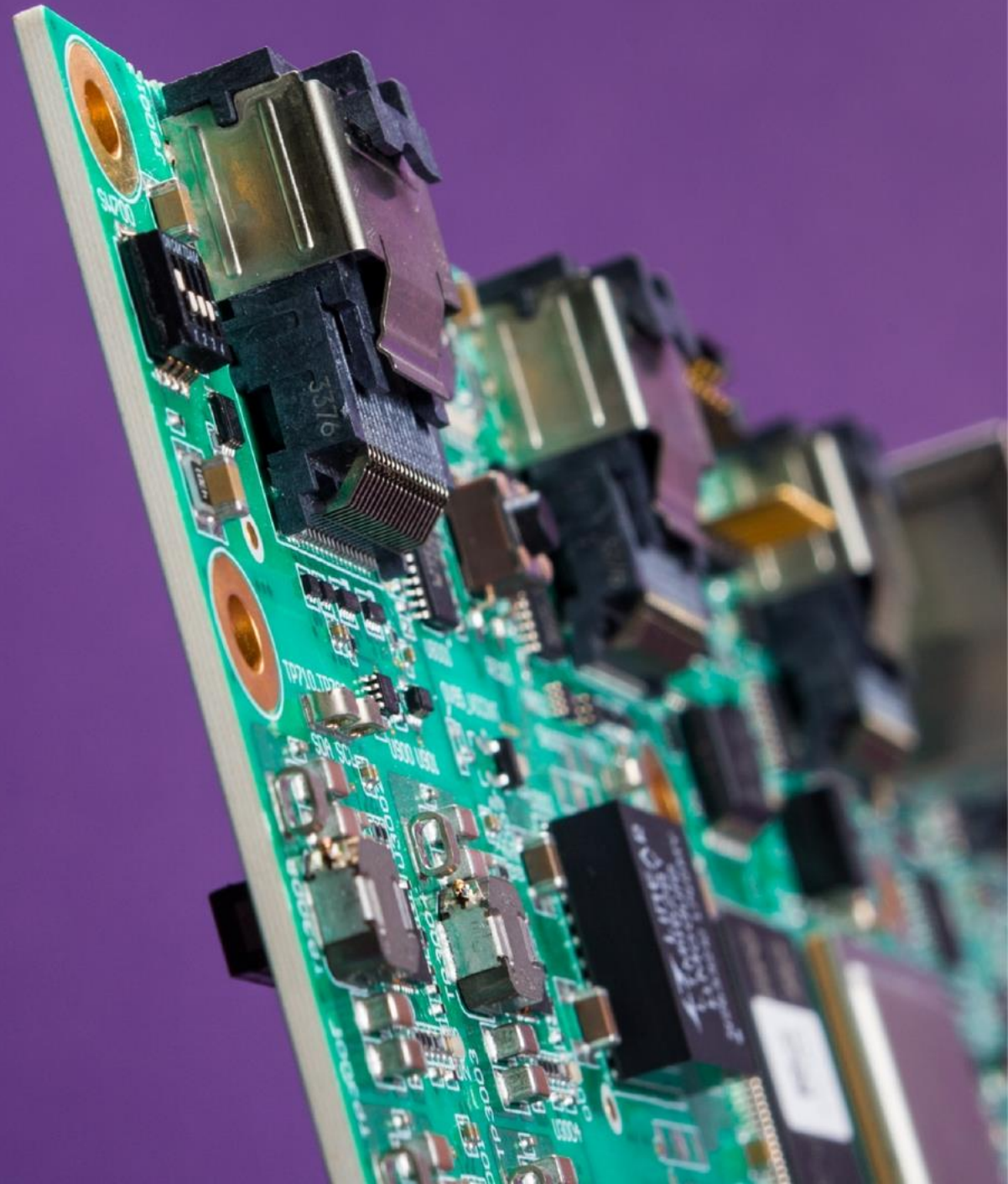




DESIGN

FROM CONCEPT
TO MANUFACTURING

WWW.PCBDESIGN.HU

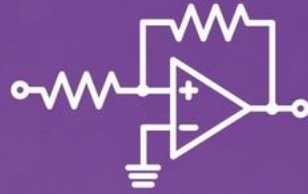


WHO WE ARE

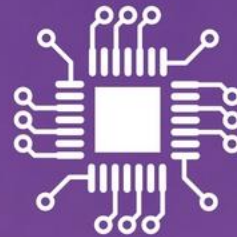
Professional design center
Complex product development
From concept to manufacturing
150 designs/year | 35+ engineers | 70+ customers

WHAT WE DO?

PCB DESIGN



Schematic



PCB layout



Simulation

PRODUCT DEVELOPMENT



Manufacturing



Embedded software
development



Functional
testing

INDUSTRIES & PARTNERS

CONSUMER 5%

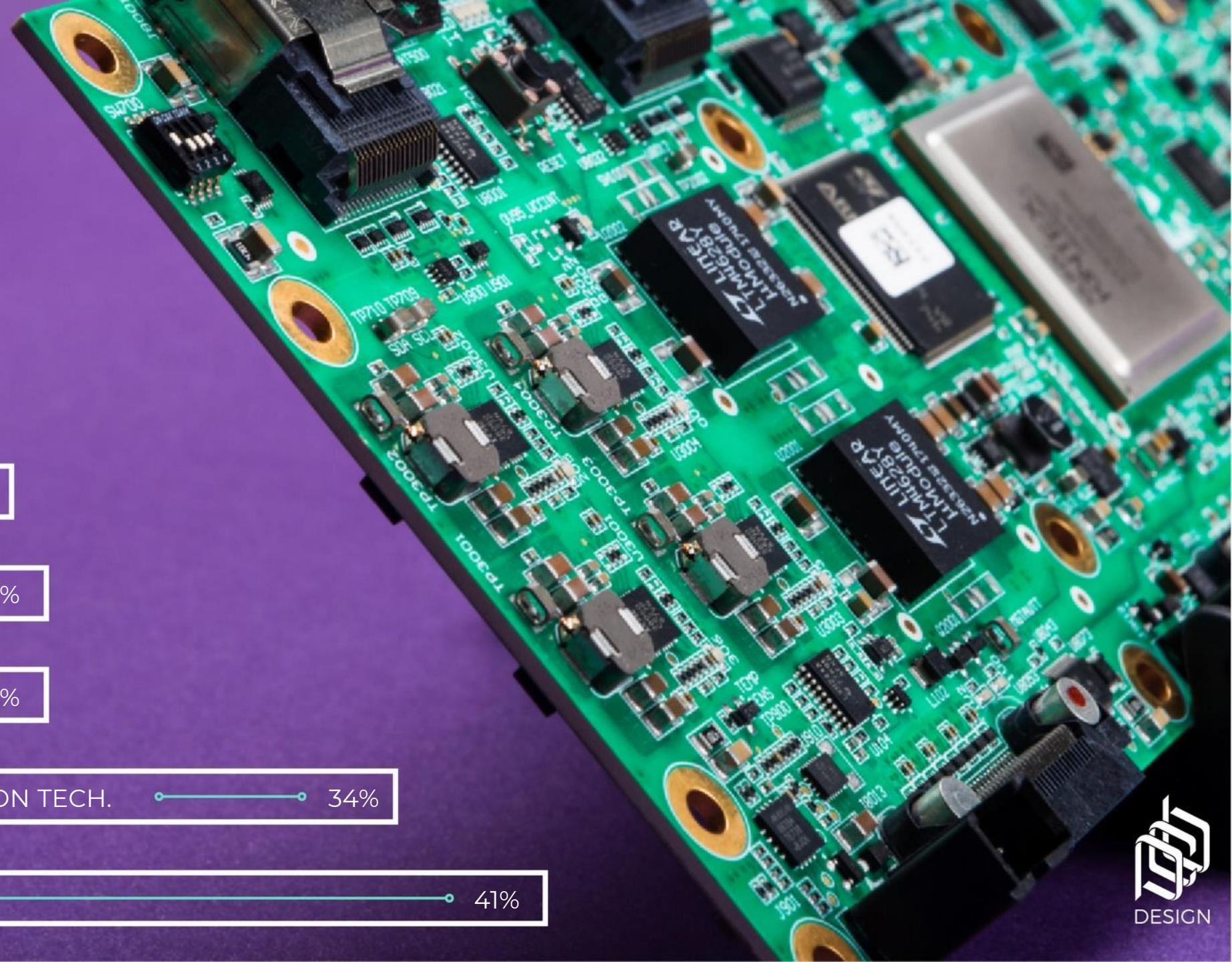
MEDICAL 6%

INDUSTRIAL 7%

AUTOMOTIVE 7%

INFORMATION & COMMUNICATION TECH. 34%

AEROSPACE & DEFENSE 41%



MARKETS



NORWAY

ISRAEL



DESIGN

SWITZERLAND

BELGIUM

HUNGARY

FINLAND

GERMANY

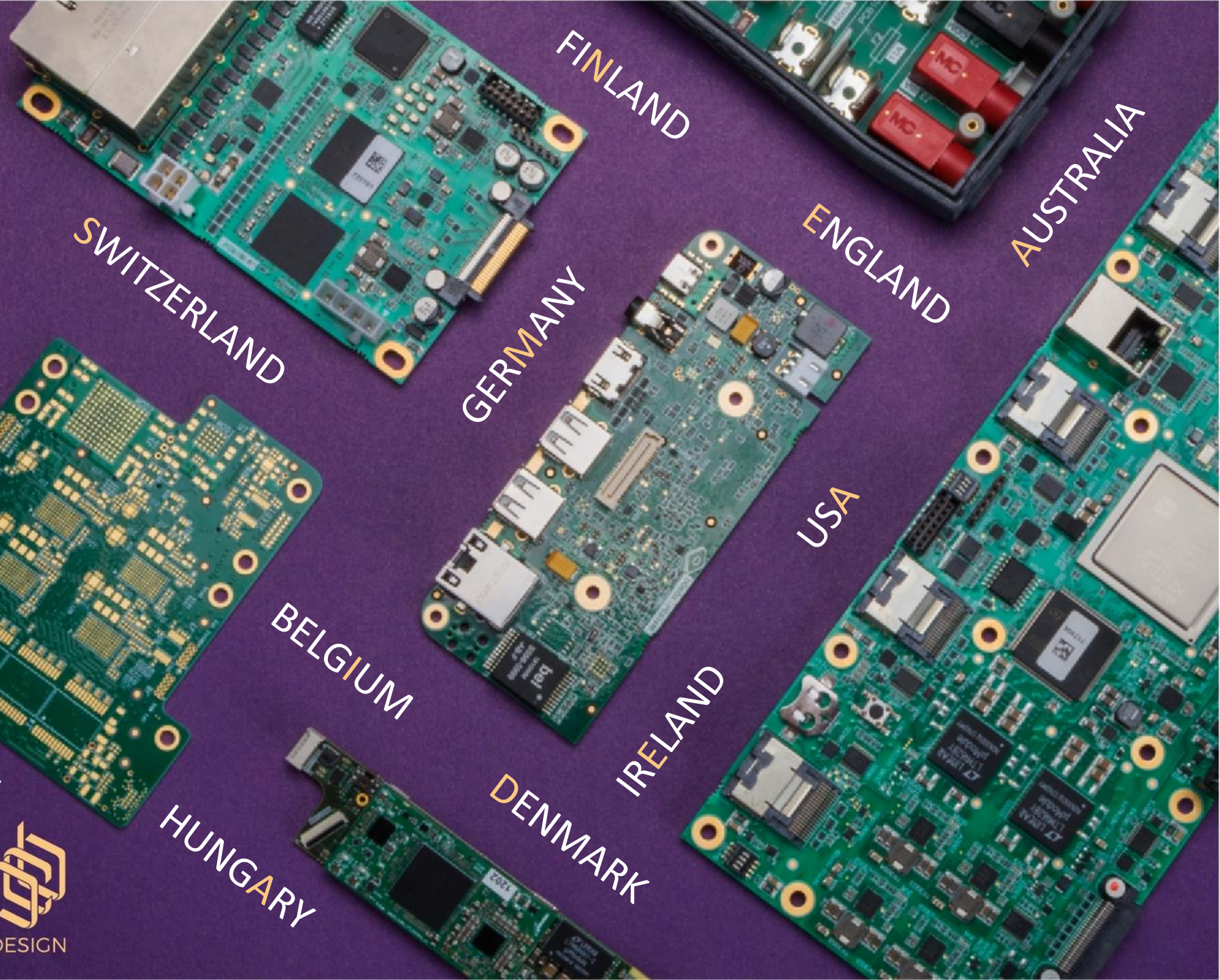
DENMARK

ENGLAND

IRELAND

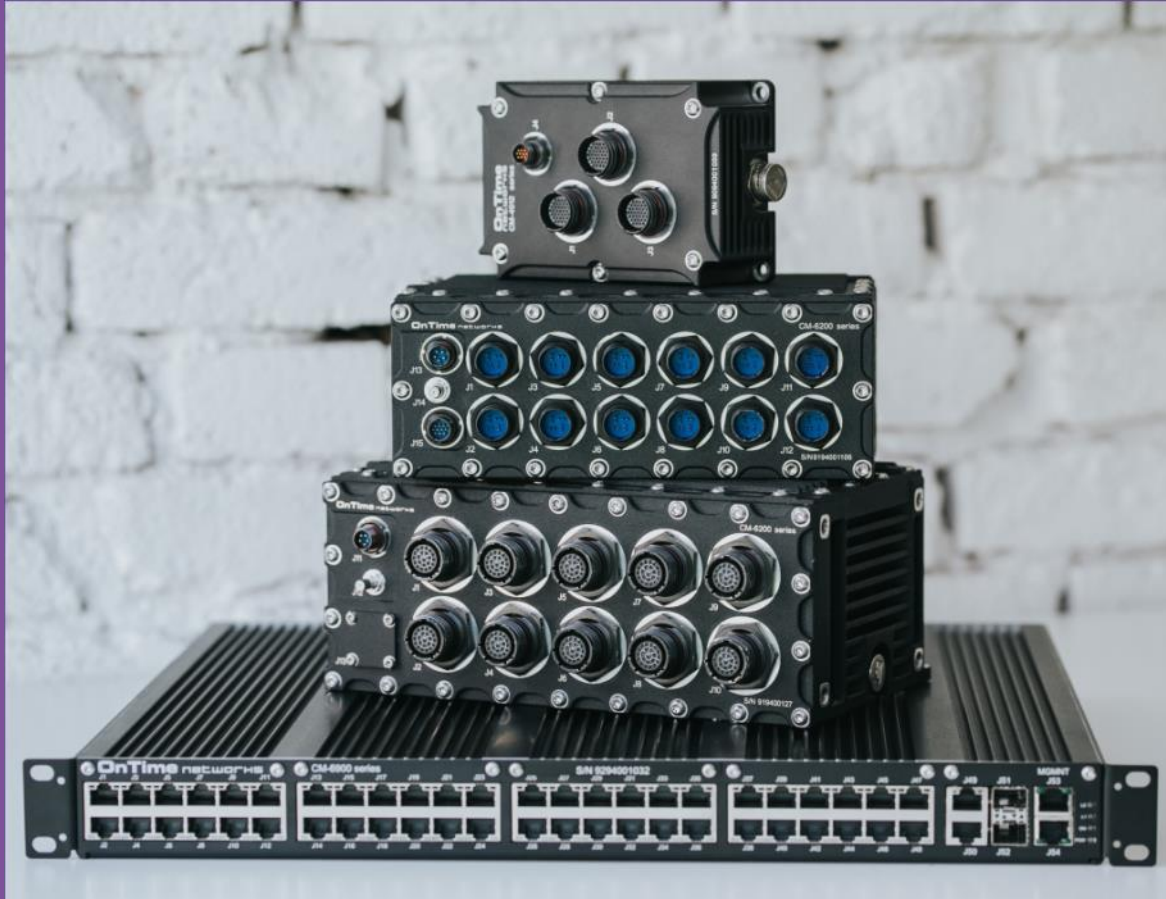
USA

AUSTRALIA



Reference Projects

Aerospace - Product Development



Rugged Ethernet Switch

Responsibility:

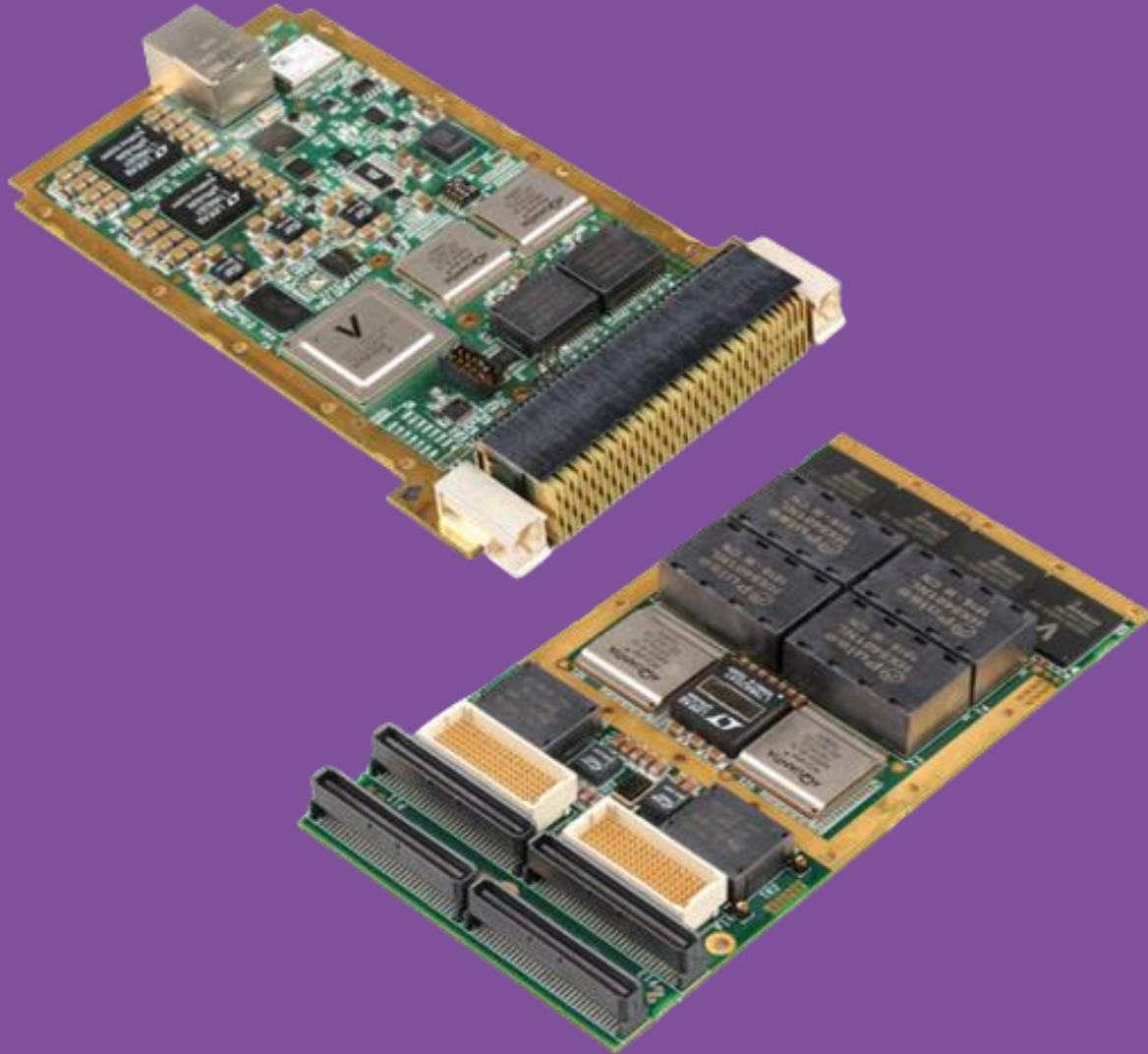
- System design
- Schematics
- PCB Design
- Simulation
- MCAD (Cadterv)

Technology:

- Various form factor Ethernet switch
- 38999/ RJ45 connectors
- Integrated x86 router board

Reference Project

Rugged Electronics - PCB Design



3U VPX

Technology:

- 80 Gbit switch core
- 24 x 1 Gbit interface
- 4 x 10 Gbit interface
- On-board 2 x 10 Gbit PHY
- OCXO
- Conduction cooling

PCB Info:

- 2+12+2 layer stackup
- HDI Technology (75um/75um)
- 1442 components
- 1066 nets, 12132 vias

Space domain capabilities

- High speed digital designs
 - Massive Data Processing (FPGA, GPU)
 - Vision / Communication
 - Data recorder
 - Ground station equipment
- Electrical Ground Support Equipment
- Quick turn R&D project



NASA Mini payload challenge



**ESA IIS
Lunar rover 4 channel motordriver**



DESIGN

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1117 BUDAPEST, HUNGARY

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