



DOMICRO BV

COMPANY INTRODUCTION



DOMICRO
MICRO ASSEMBLY TECHNOLOGIES

FLEXIBLE HYBRID ELECTRONICS

MICRO ASSEMBLY
TECHNOLOGY

INKJET PRINTED
ELECTRONICS

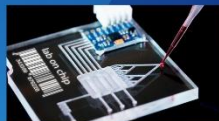
ADVANCED
PACKAGING

DOMICRO COMPANY PROFILE

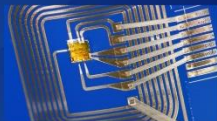
DoMicro BV is a technology company providing innovative manufacturing technology, application solutions and micro assembly technology for flexible hybrid electronics (FHE) and micro devices. More information: www.domicro.nl



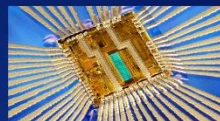
Automotive
Inmould



MedTech
Microfluidics



Wearables



Semicon
Micro Assembly



Solar



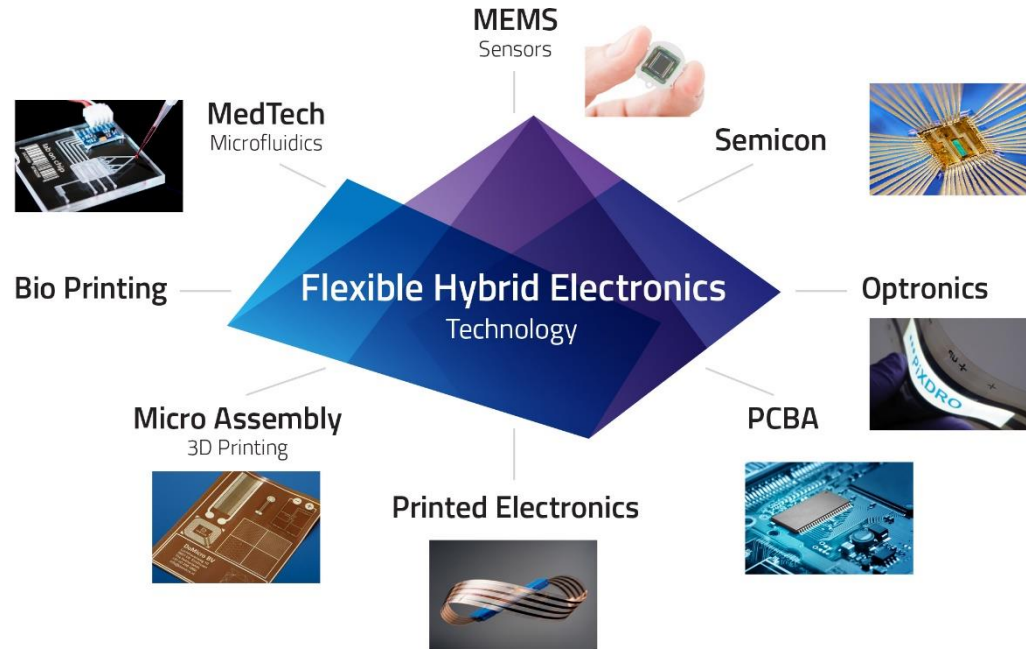
PCBA
Printing



Flexible Electronics
Printing



TRENDS IN ELECTRONICS



Integration in different field of application

Low volume, High mix

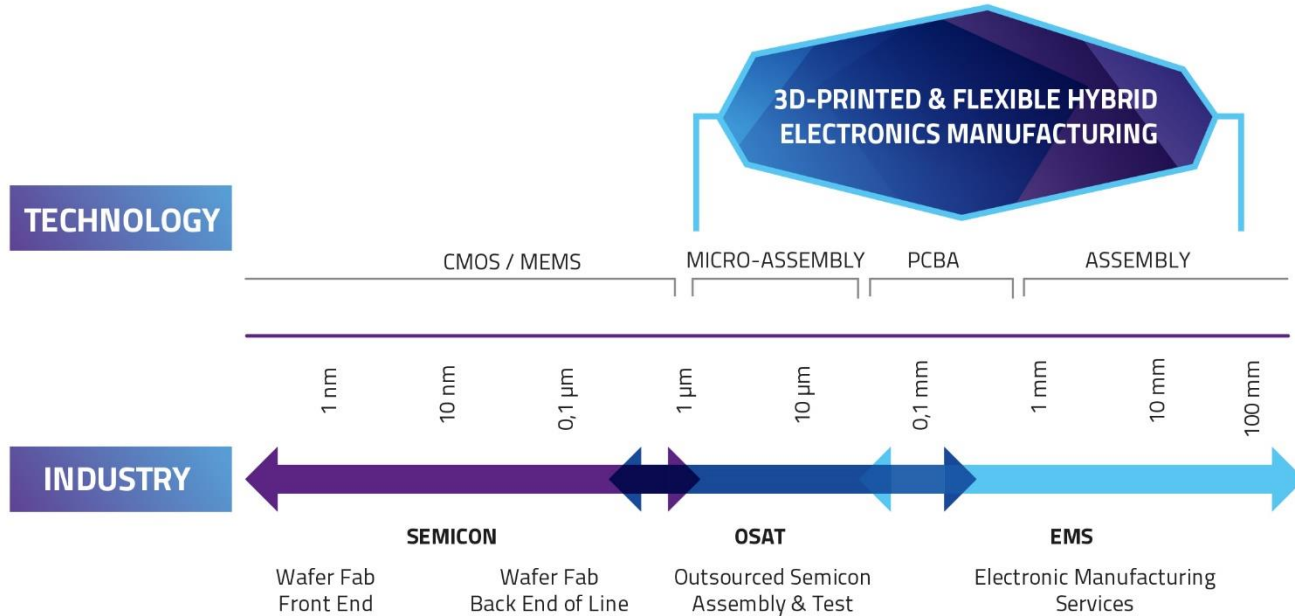
Local versus Global supply

Wireless IoT

Wearables

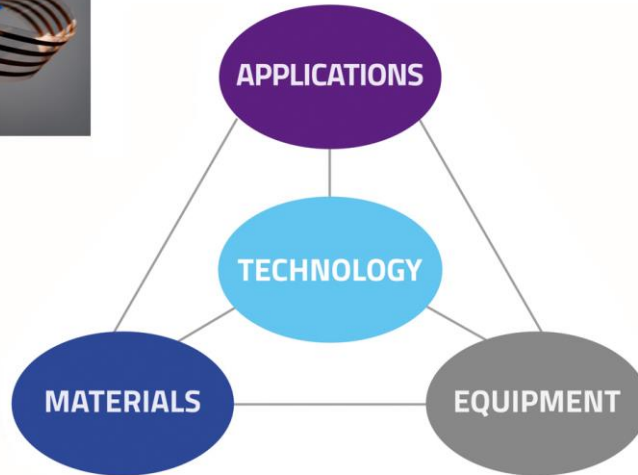
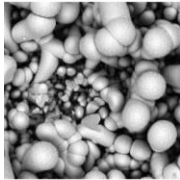
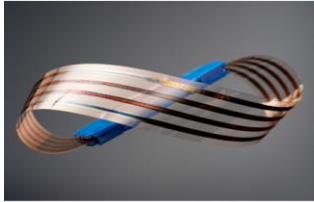


ELECTRONICS INDUSTRY





TECHNOLOGY INTEGRATION





Integration of electronics in products for IoT Internet of Things:

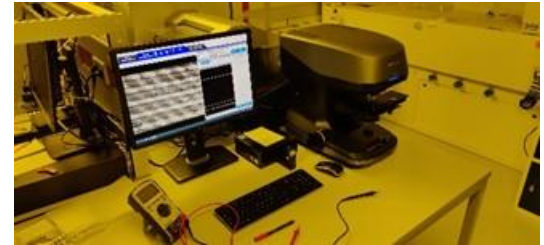
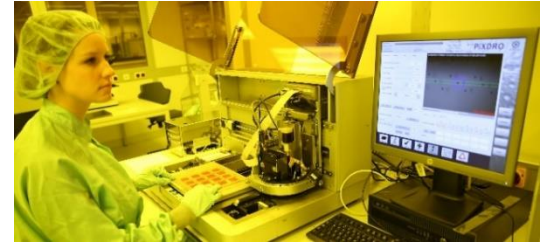
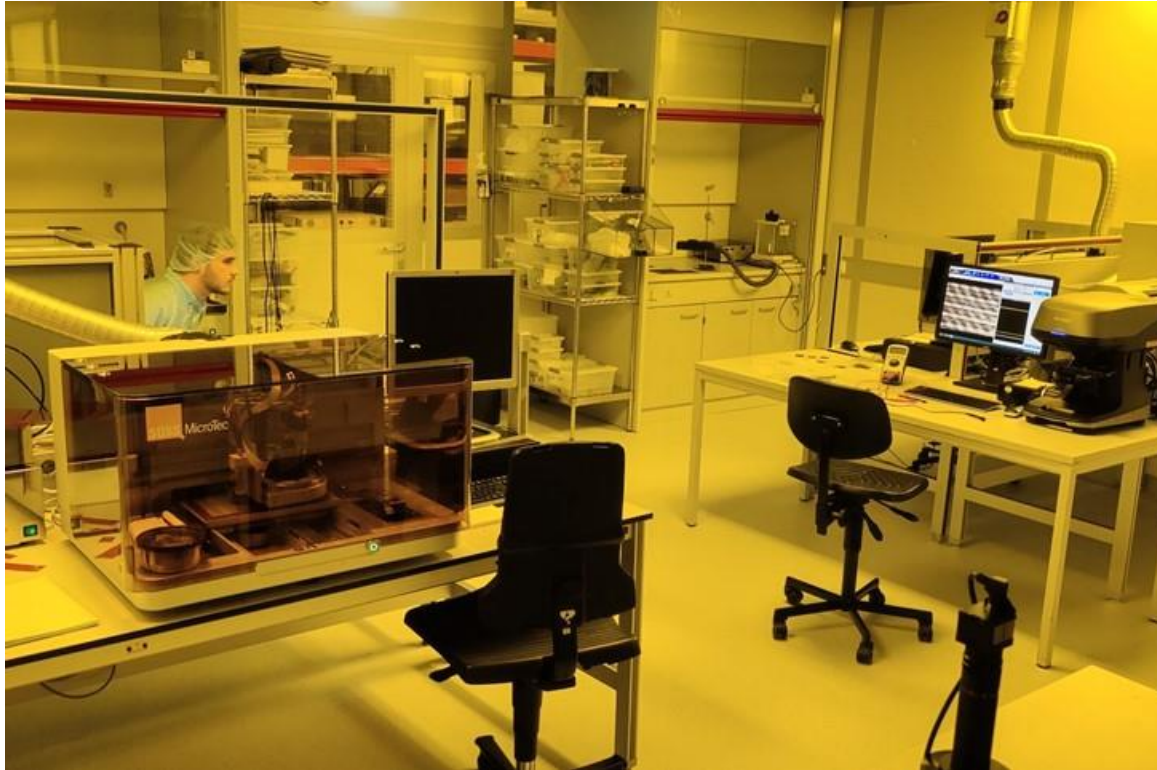
- make things smart
- make things connected

Development of base technology:

- Interconnect bare dies in foils by inkjet printing

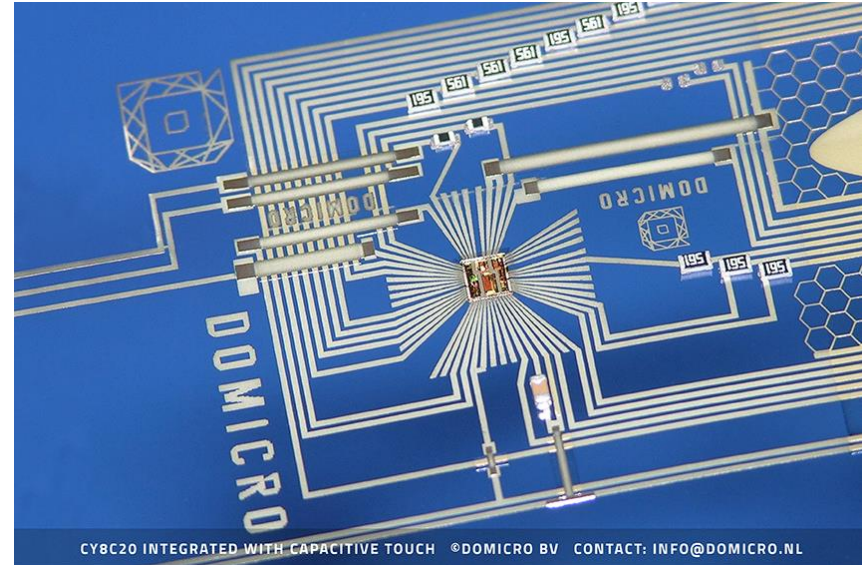
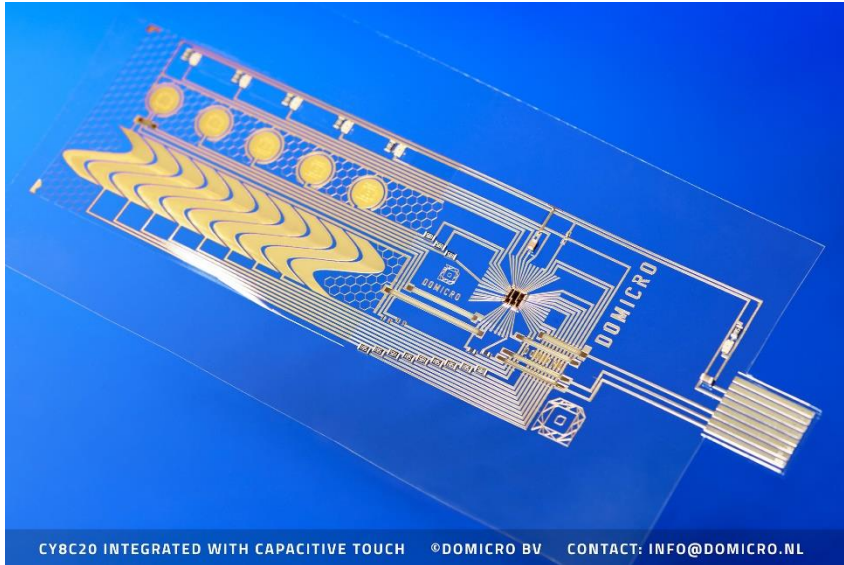


PRINTING IN ISO7 CLEAN ROOM AND MICRO ASSEMBLY LAB



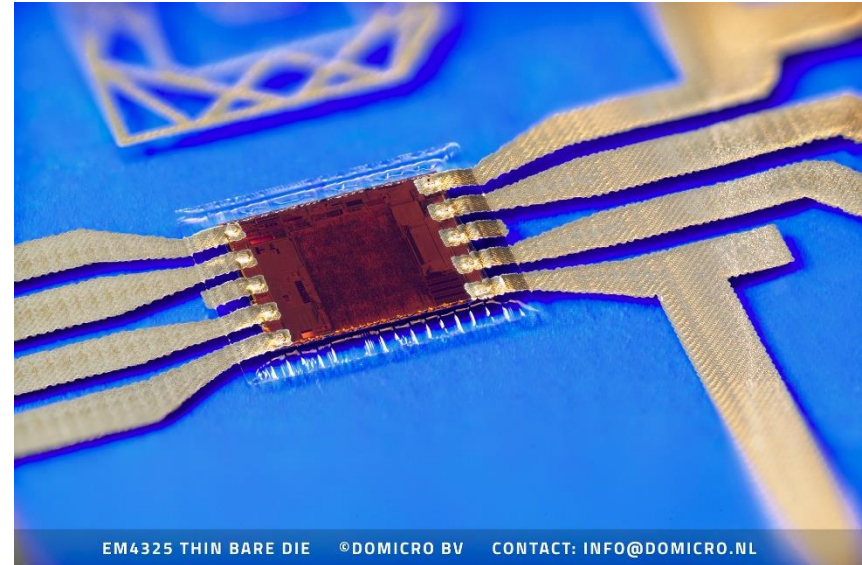
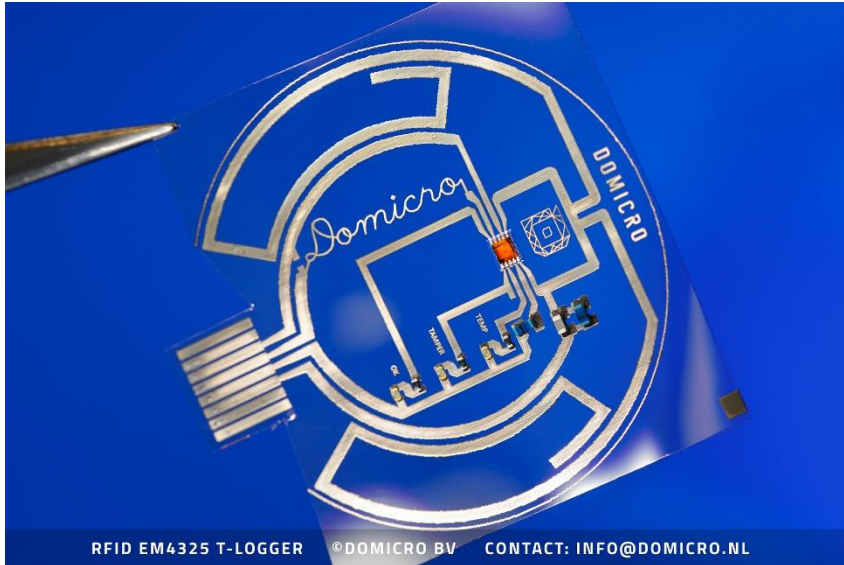


MCU INTEGRATION



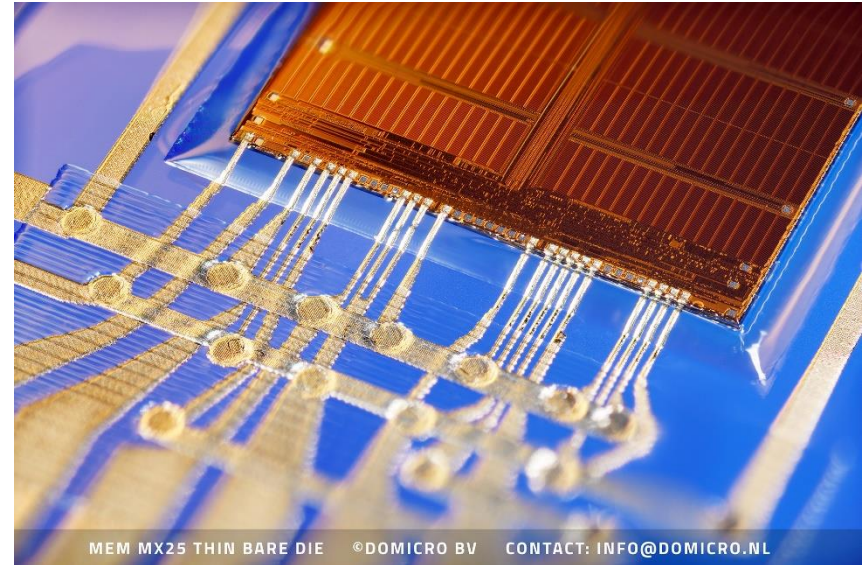
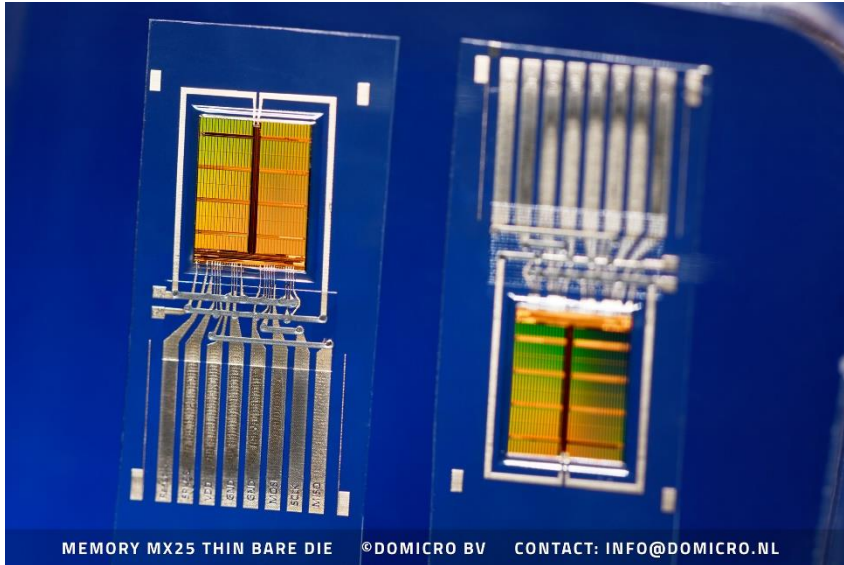


RF INTEGRATION



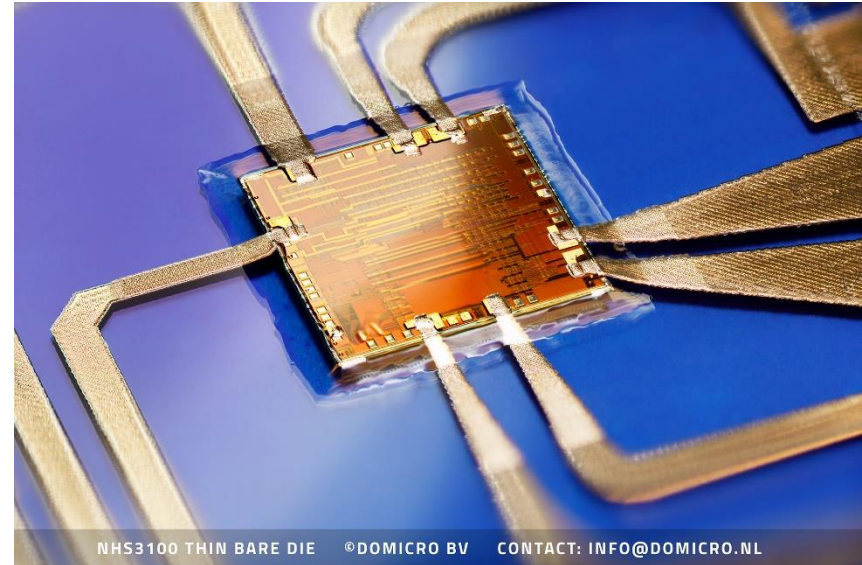
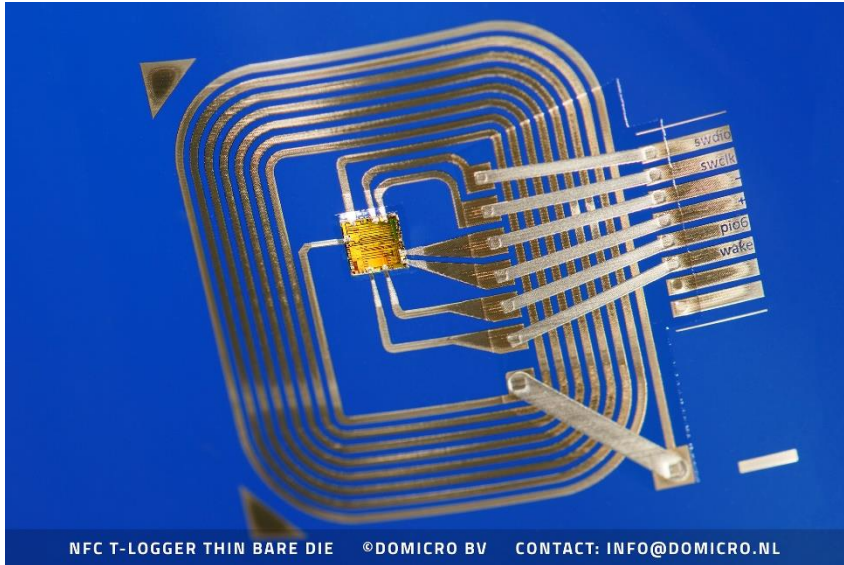


MEMORY INTEGRATION



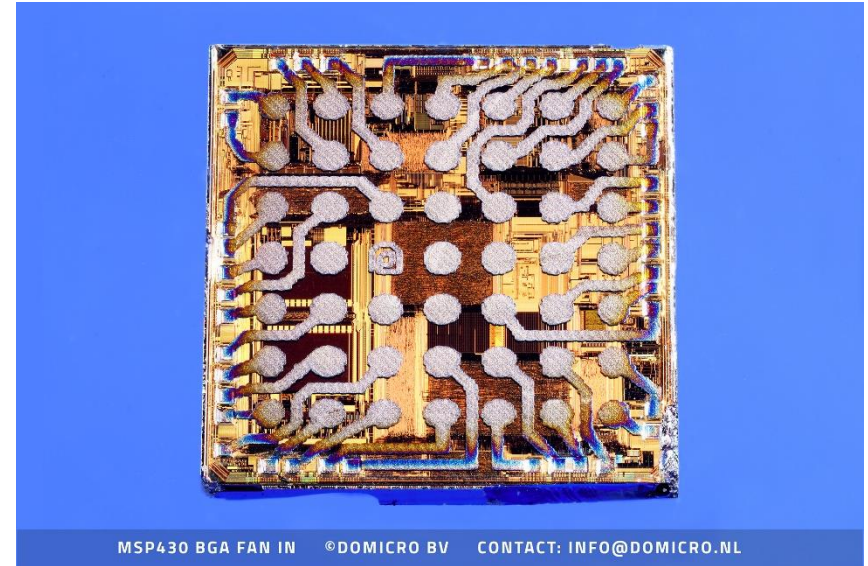


NFC INTEGRATION



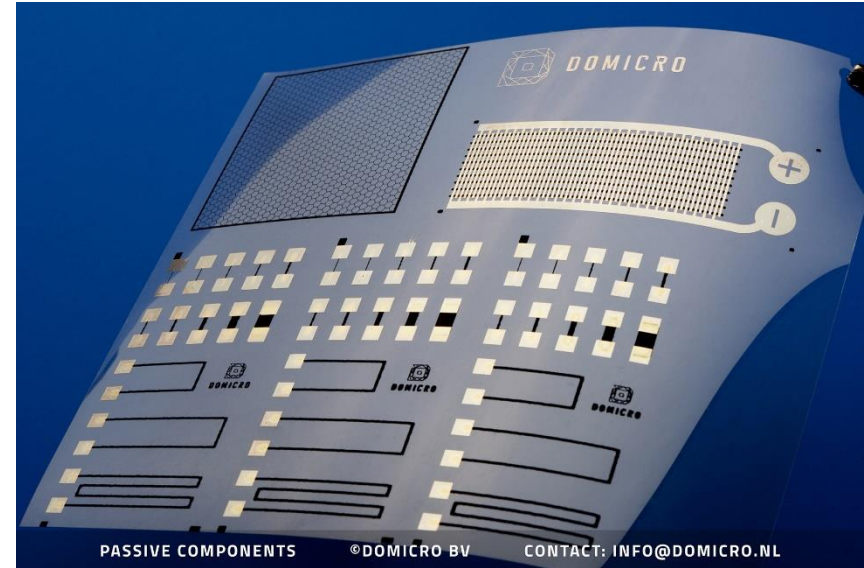
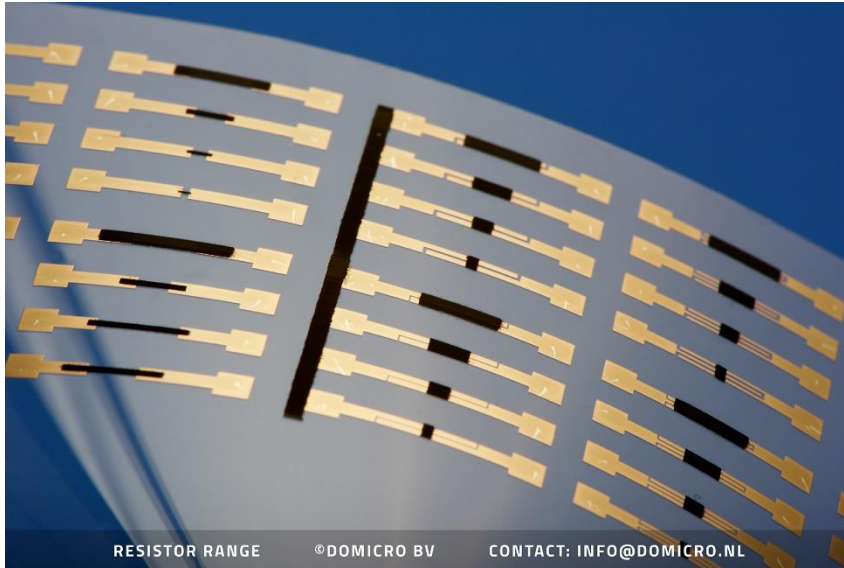


FAN IN FAN OUT



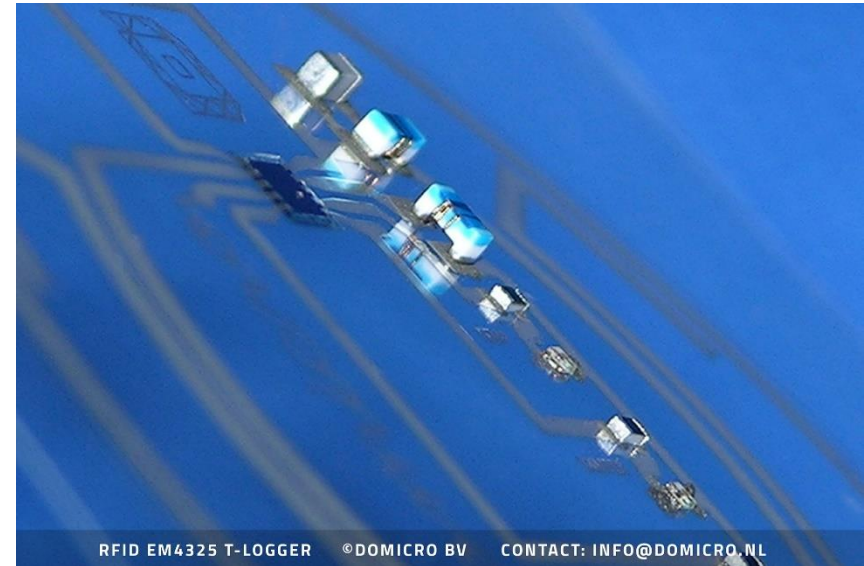
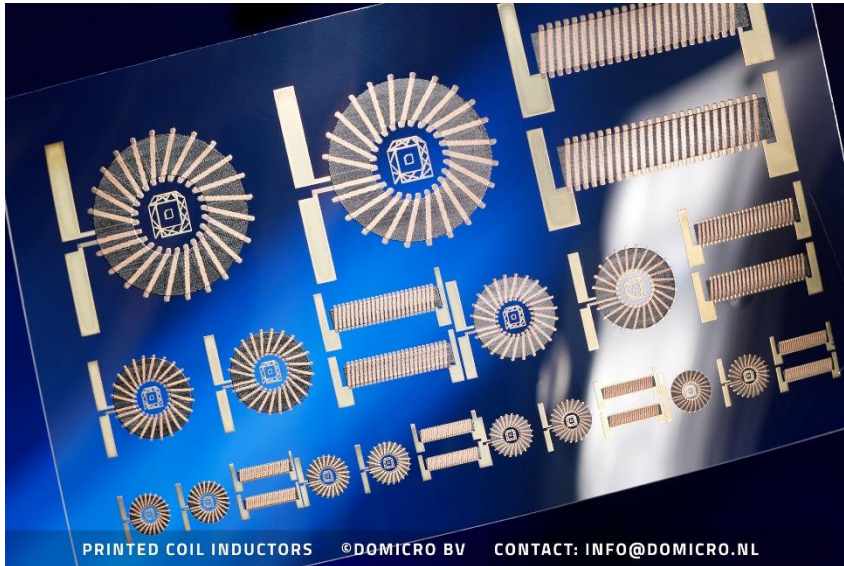


INKJET PRINTED PASSIVES



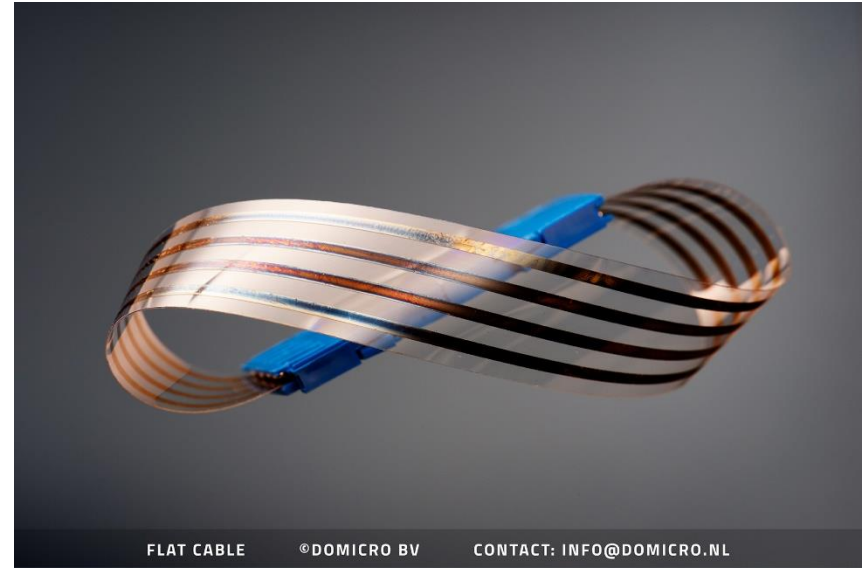
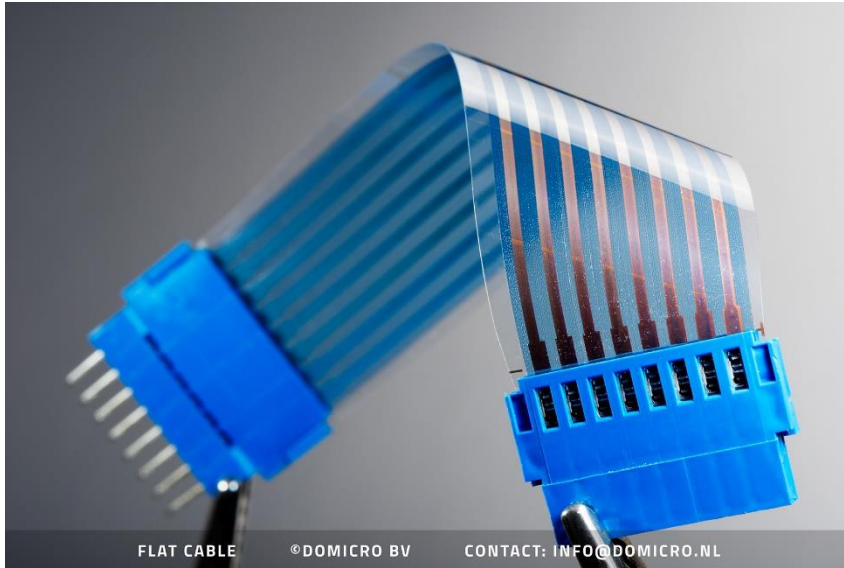


INKJET PRINTED PASSIVES



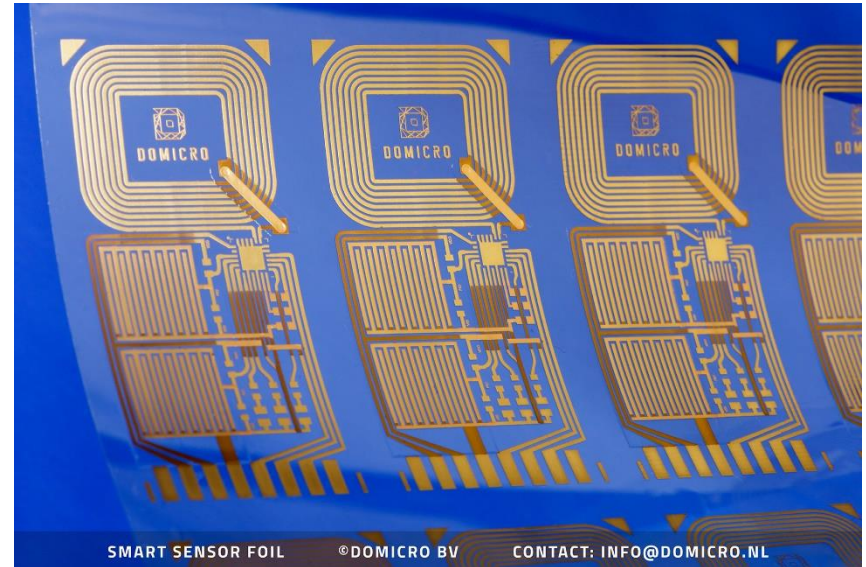
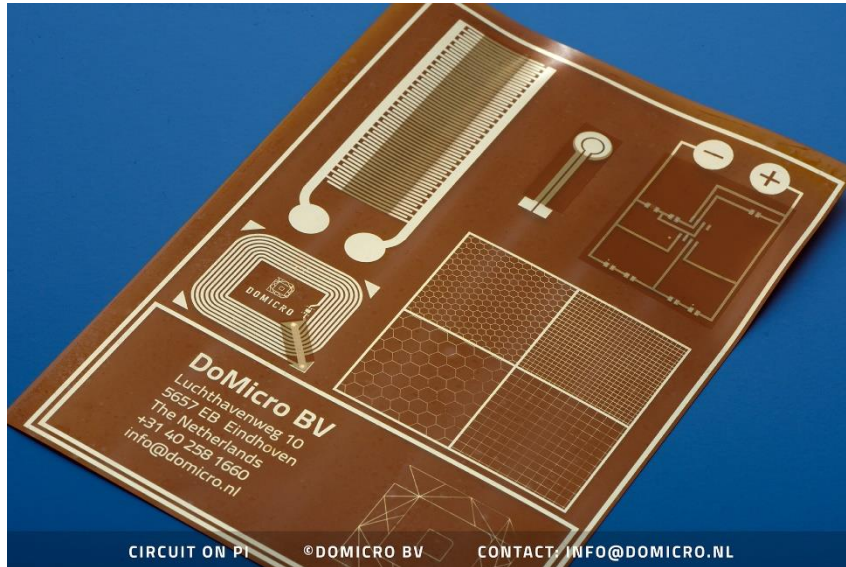


INKJET ON PEN



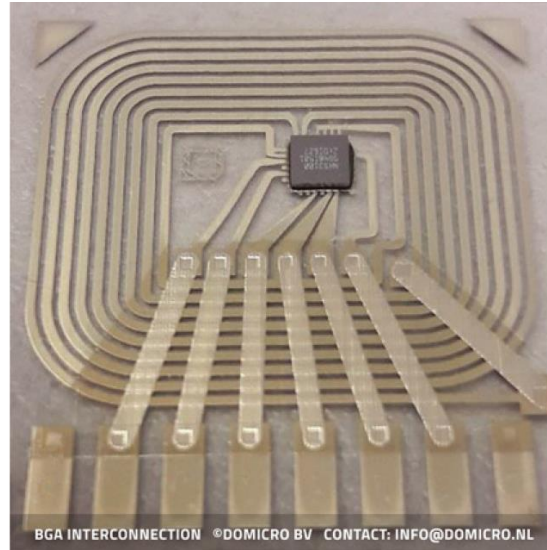
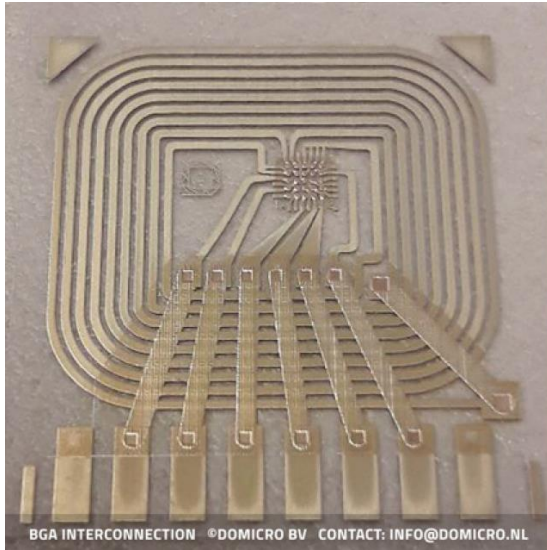


MULTILAYER CIRCUITS



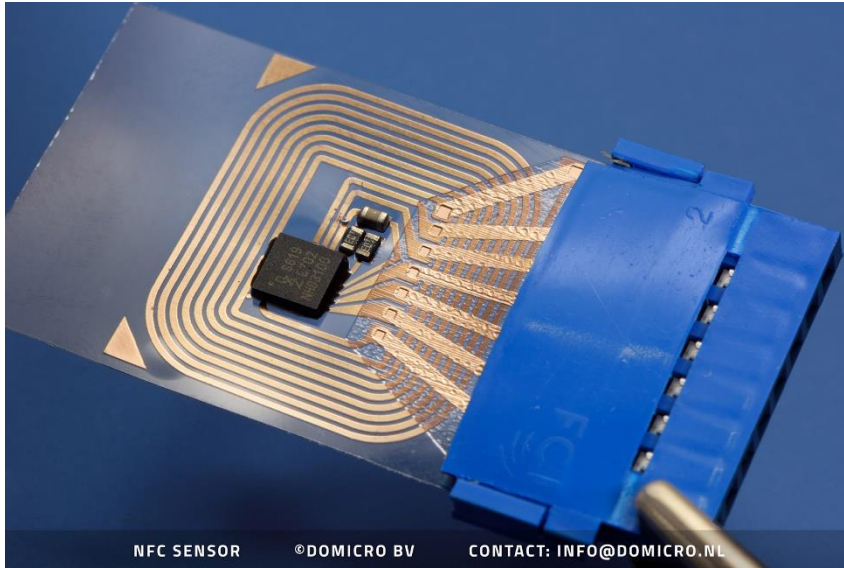


BGA INTERCONNECTION





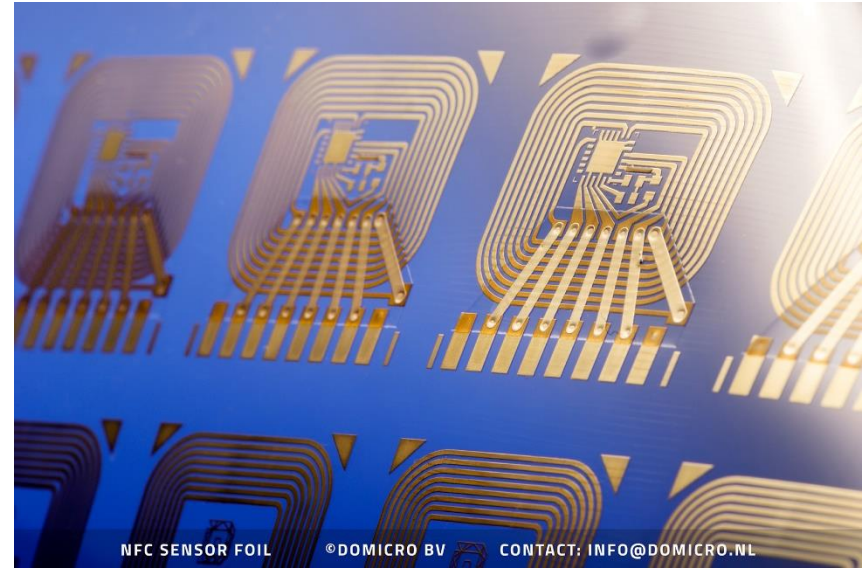
HYBRIDS FOR WIRELESS APPLICATIONS



NFC SENSOR

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



NFC SENSOR FOIL

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



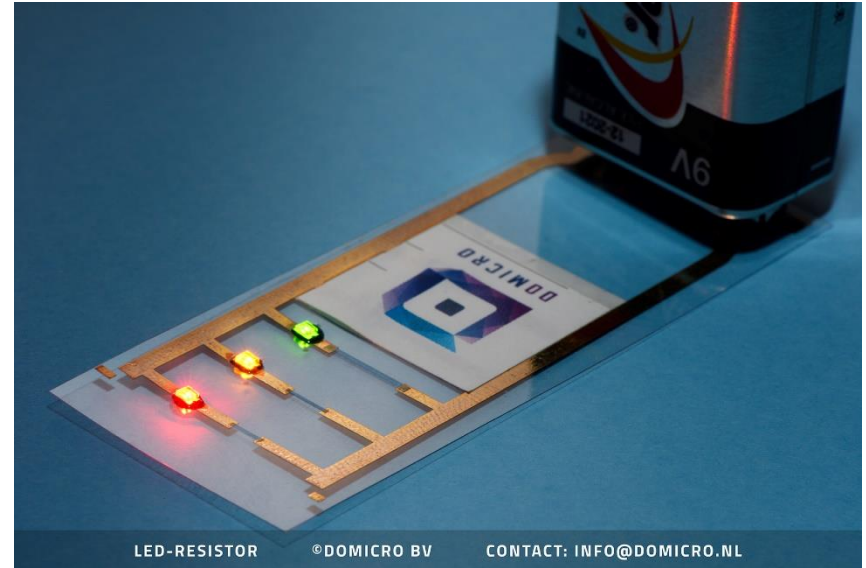
RFID & LED APPLICATIONS



RFID

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



LED-RESISTOR

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



FLEX BATTERY & ENERGY HARVESTING





TECHNOLOGY READINESS



TECHNOLOGY READINESS LEVEL (TRL)

- TRL 1** Basic research
- TRL 2** Applied research
- TRL 3** Critical function or proof of concept established
- TRL 4 Laboratory** Testing / validation of Alpha prototype component / process
- TRL 5 Laboratory** Testing of integrated / semi-integrated system
- TRL 6** Prototype system verified
- TRL 7** Integrated pilot system demonstrated
- TRL 8** System incorporated in commercial design
- TRL 9** System proven and ready for full commercial deployment



Brainport Eindhoven



Flexible Hybrid Electronics and Micro Assembly

Marinus van Meelweg 2
5657 EN Eindhoven
The Netherlands

www.domicro.nl

info@domicro.nl

+31 40 258 1660