



DOMICRO BV

COMPANY INTRODUCTION



DOMICRO
MICRO ASSEMBLY TECHNOLOGIES

FLEXIBLE HYBRID ELECTRONICS

MICRO ASSEMBLY
TECHNOLOGY

INKJET PRINTED
ELECTRONICS

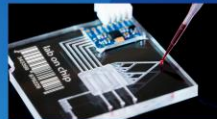
ADVANCED
PACKAGING

DOMICRO COMPANY PROFILE

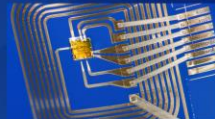
DoMicro BV is a technology company providing innovative manufacturing technology, application solutions and micro assembly technology for flexible hybrid electronics (FHE) and micro devices. Typically for customers exploring new technologies for circuitry on flexible substrates like transparent conductive films, OPV electrodes, OLED, Lab-on-chip, wearables, in mold electronics, IC and MEMS integrations. New products find their application into these rapid emerging industries. More information: www.domicro.nl



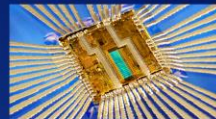
MEMS
Sensors



MedTech
Microfluidics



Wearables



Semicon
Micro Assembly



OLED
Printing



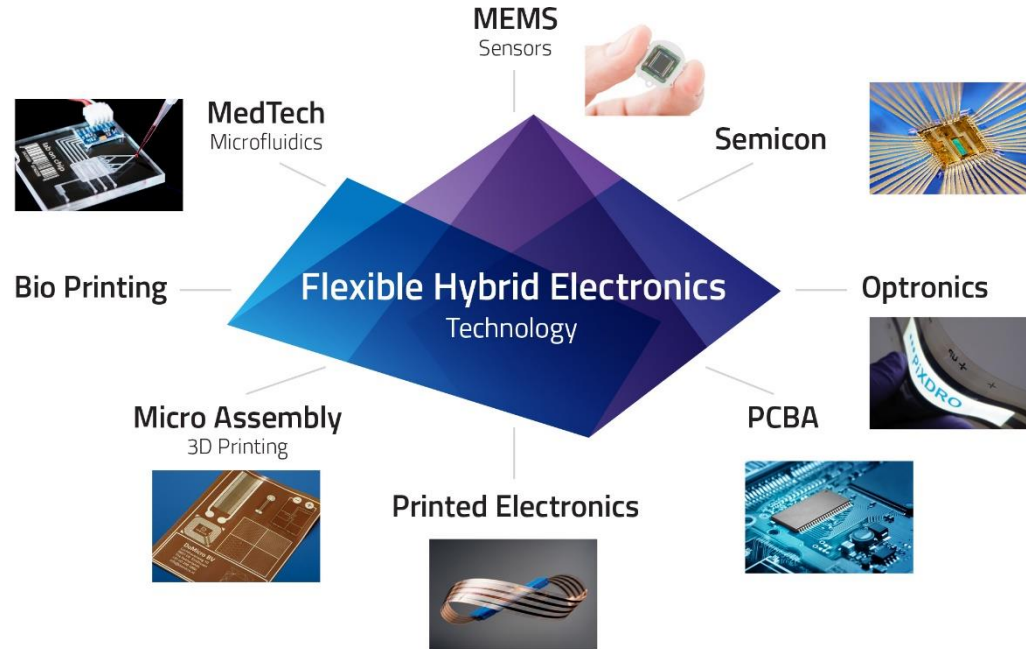
PCBA
Printing



Flexible Electronics
Printing



TRENDS IN ELECTRONICS



Integration in different field of application

Low volume, High mix

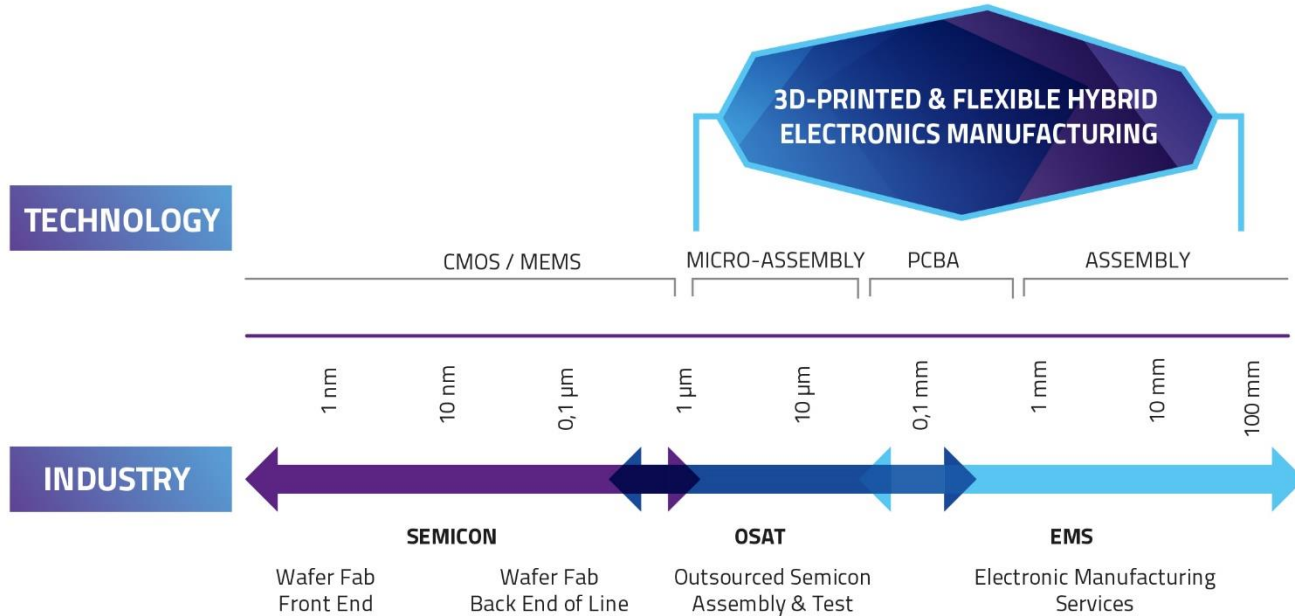
Local versus Global supply

Wireless IoT

Wearables

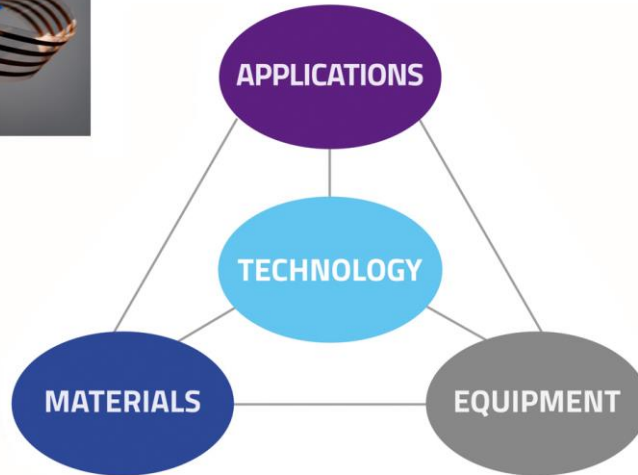
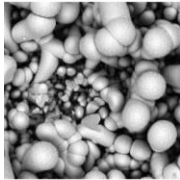
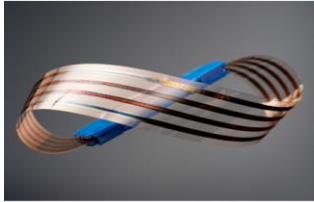


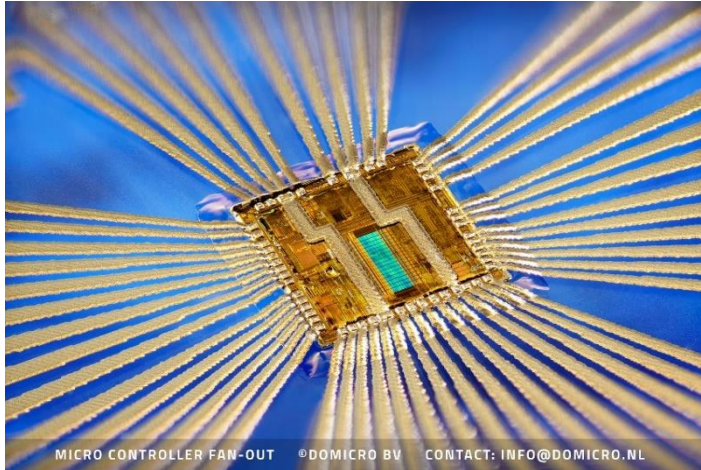
ELECTRONICS INDUSTRY





TECHNOLOGY INTEGRATION





Integration of electronics in products for IoT Internet of Things:

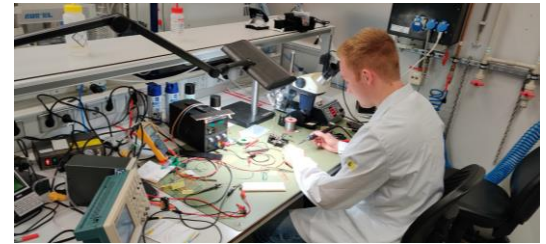
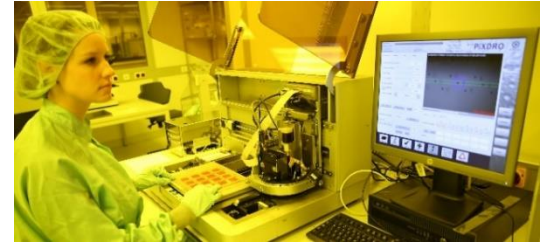
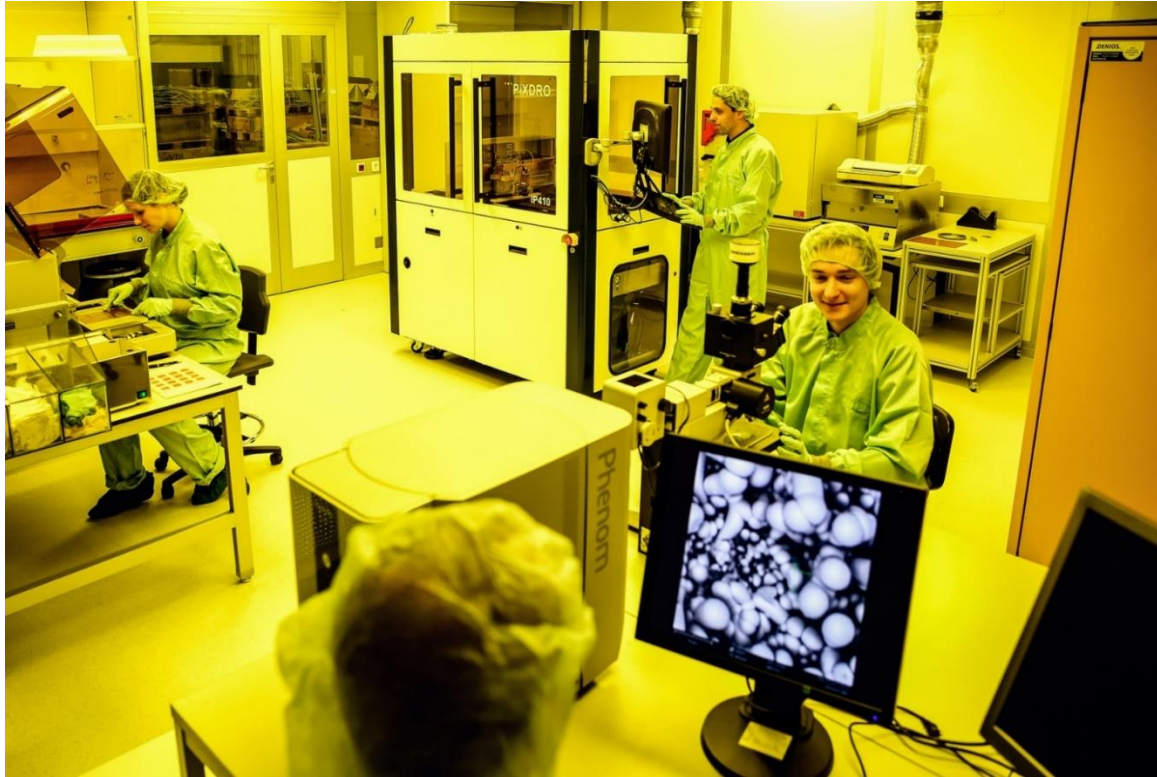
- make things smart
- make things connected

Development of base technology:

- Interconnect bare dies in foils by inkjet printing

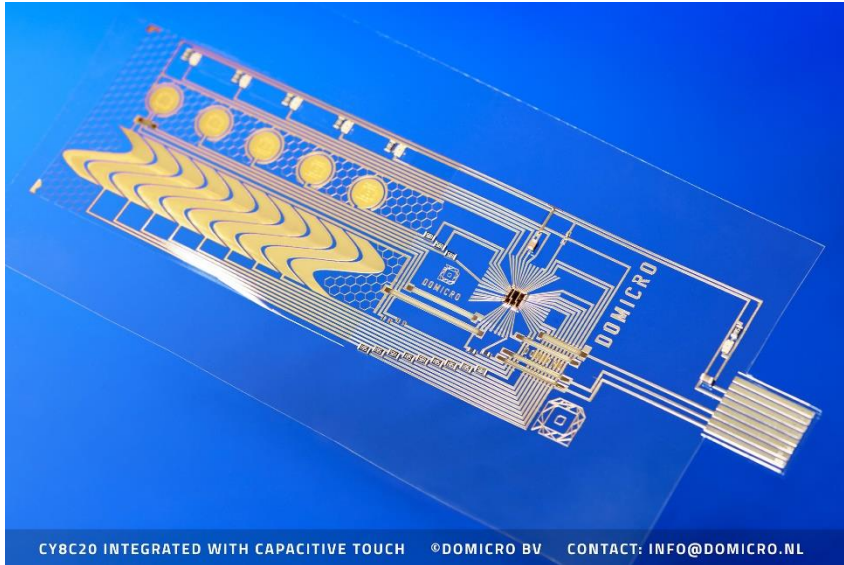


PRINTING IN ISO7 CLEAN ROOM AND MICRO ASSEMBLY LAB

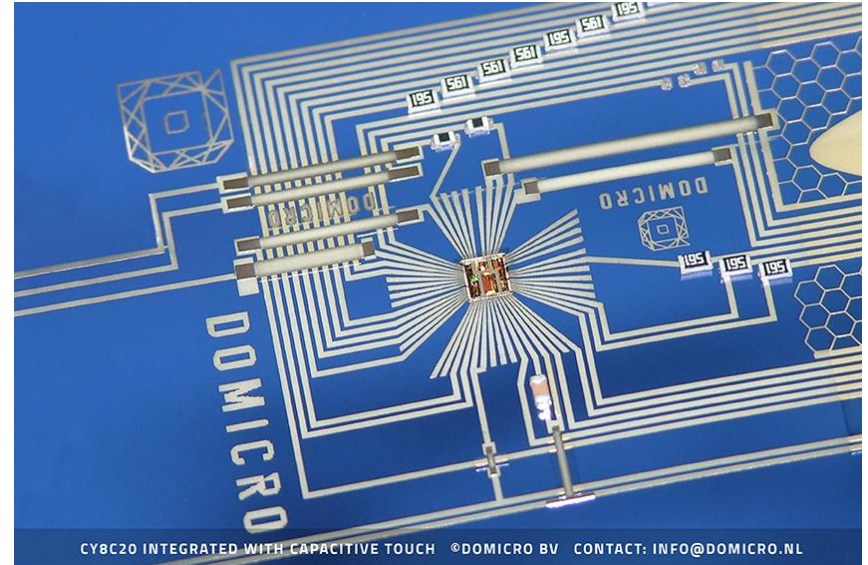




MCU INTEGRATION



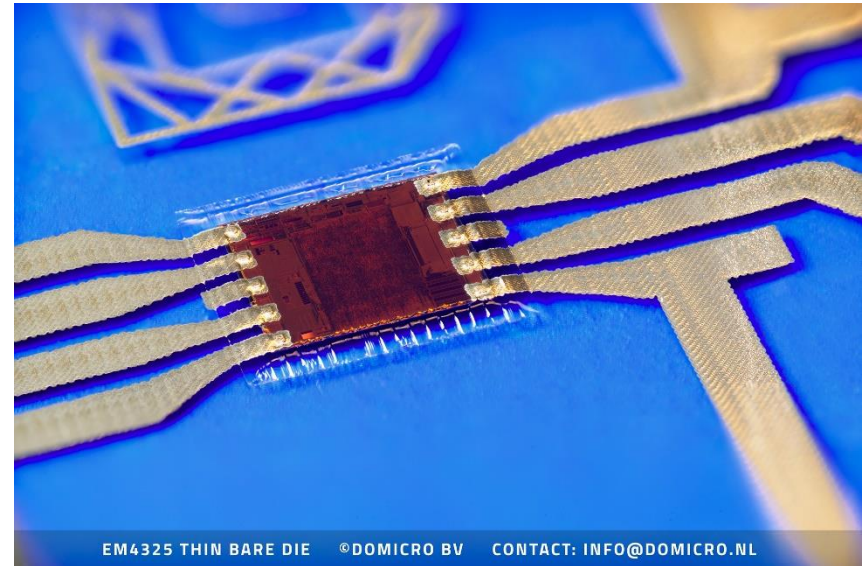
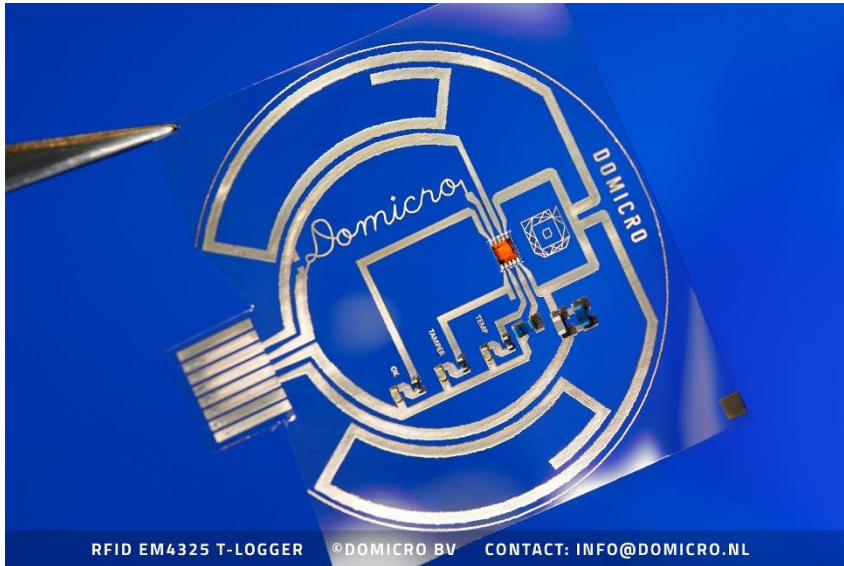
CY8C20 INTEGRATED WITH CAPACITIVE TOUCH ©DOMICRO BV CONTACT: INFO@DOMICRO.NL



CY8C20 INTEGRATED WITH CAPACITIVE TOUCH ©DOMICRO BV CONTACT: INFO@DOMICRO.NL

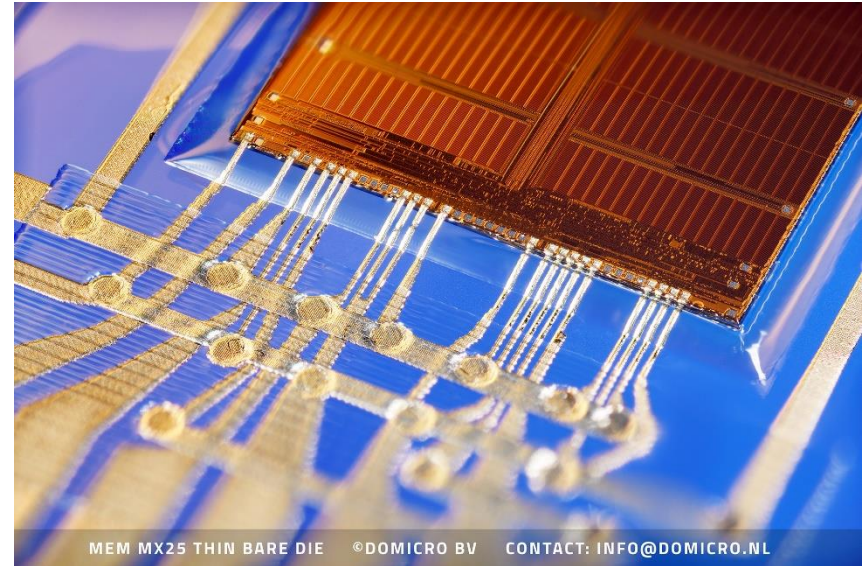
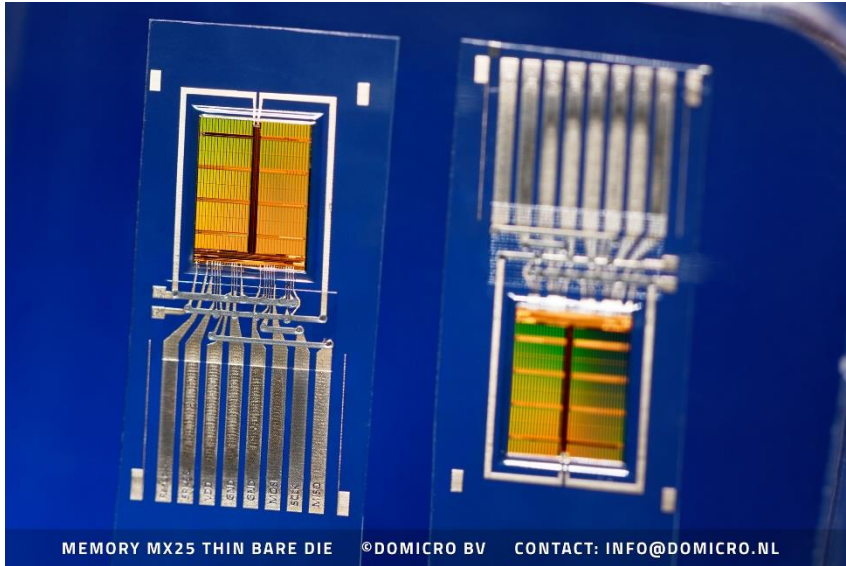


RF INTEGRATION



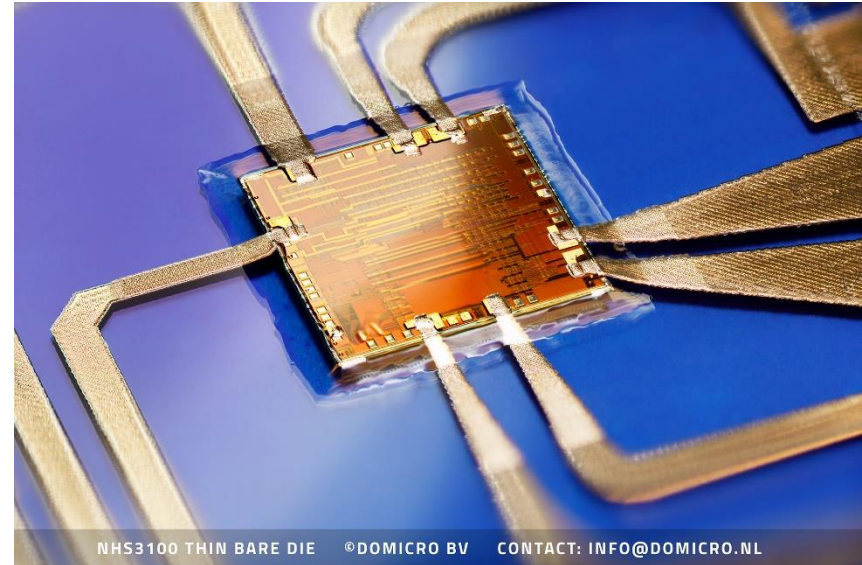
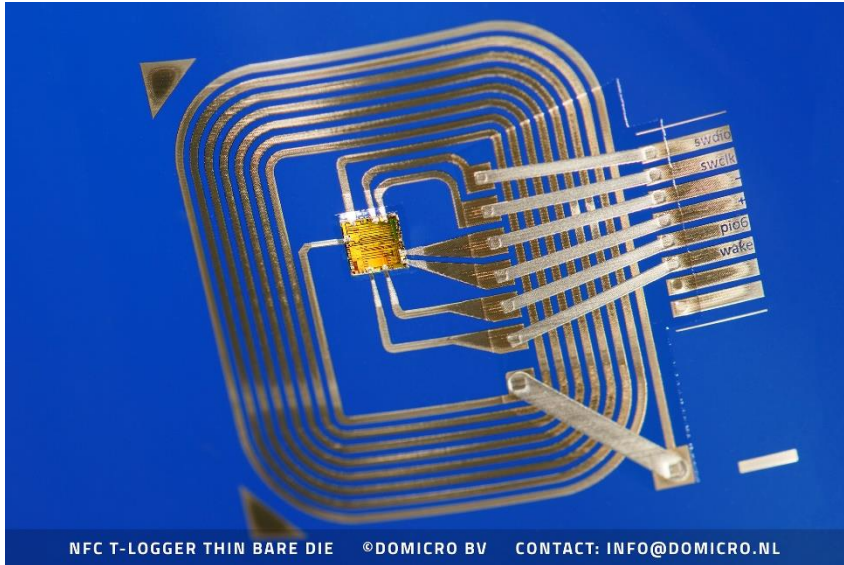


MEMORY INTEGRATION



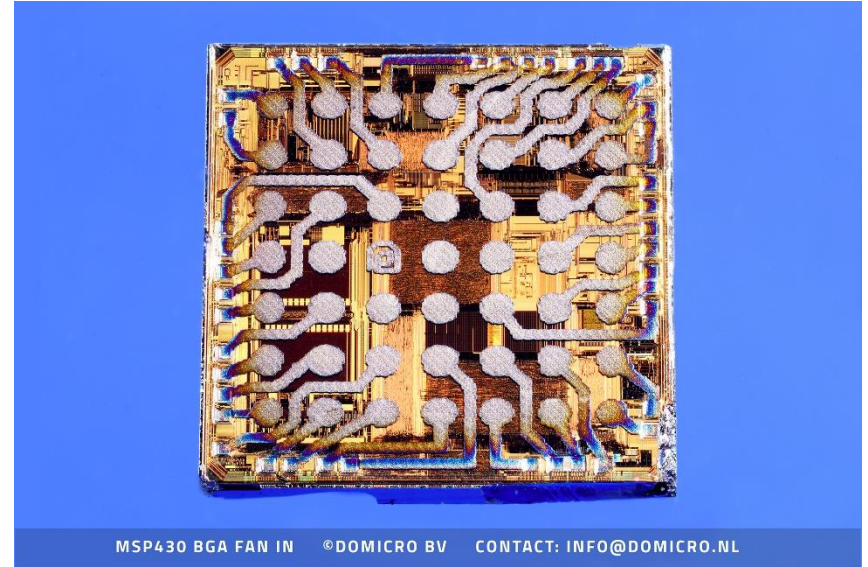


NFC INTEGRATION



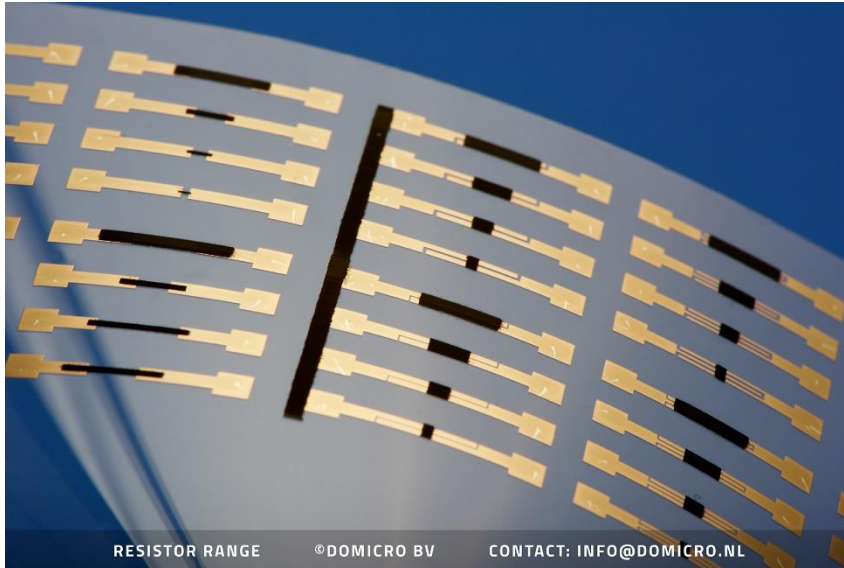


FAN IN FAN OUT





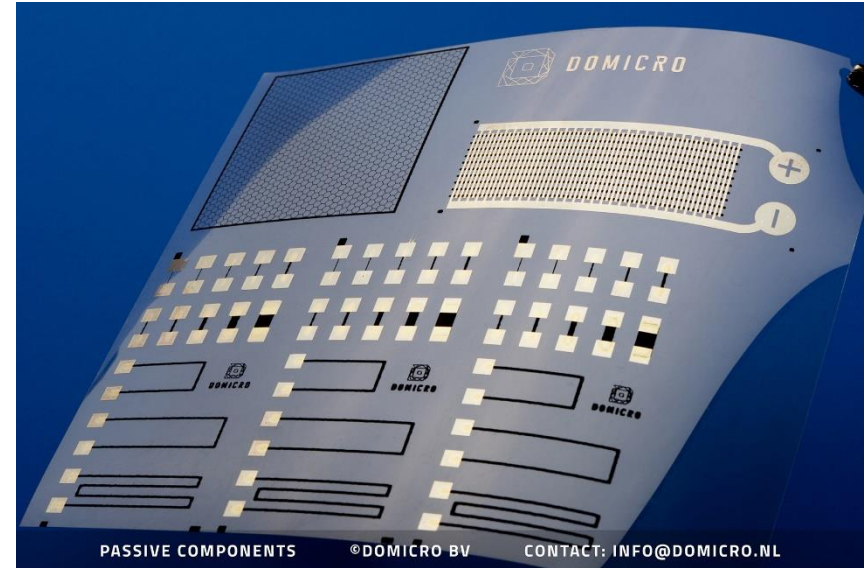
INKJET PRINTED PASSIVES



RESISTOR RANGE

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



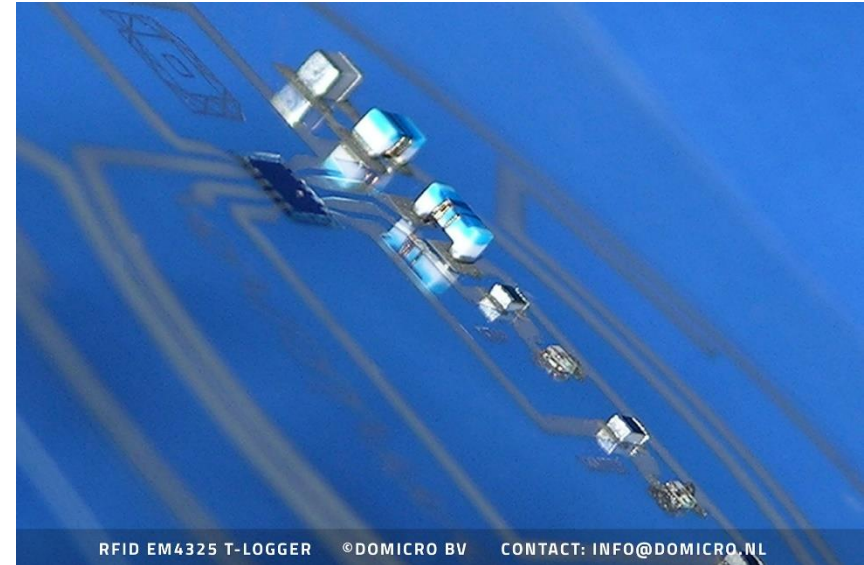
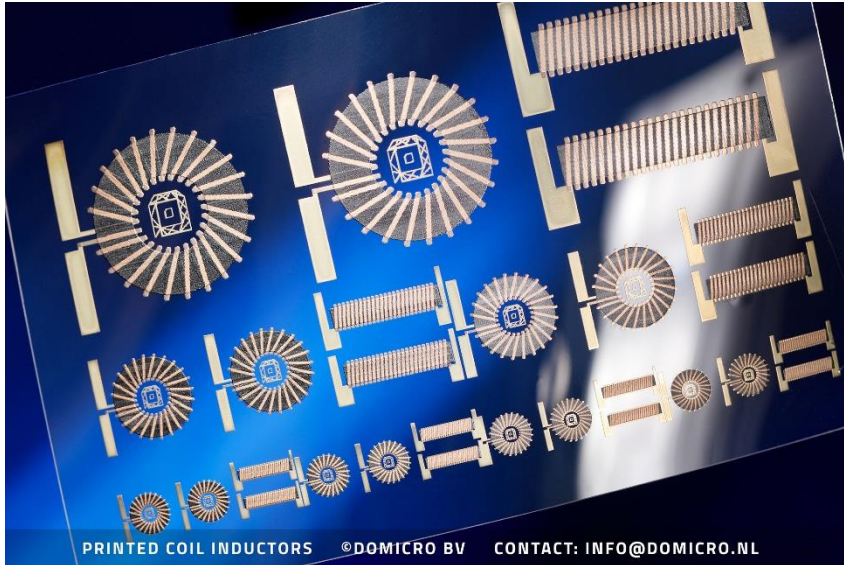
PASSIVE COMPONENTS

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL

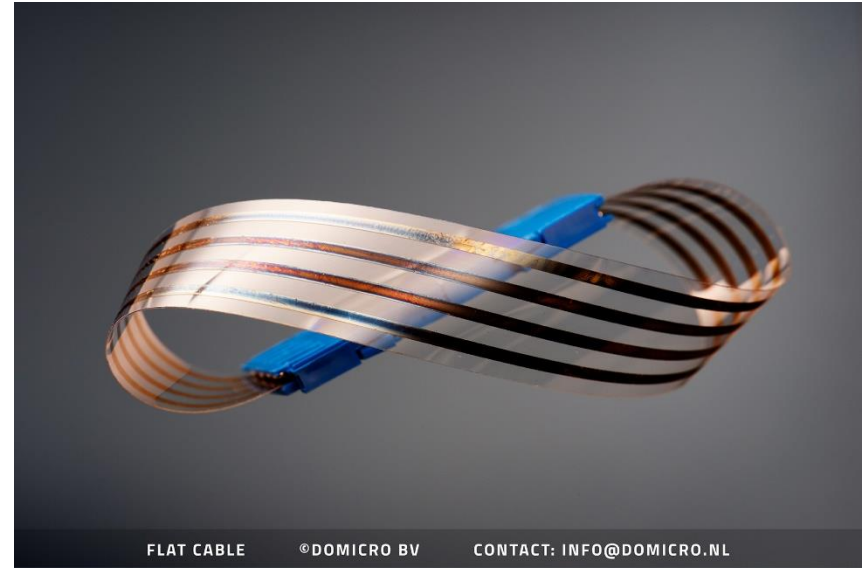
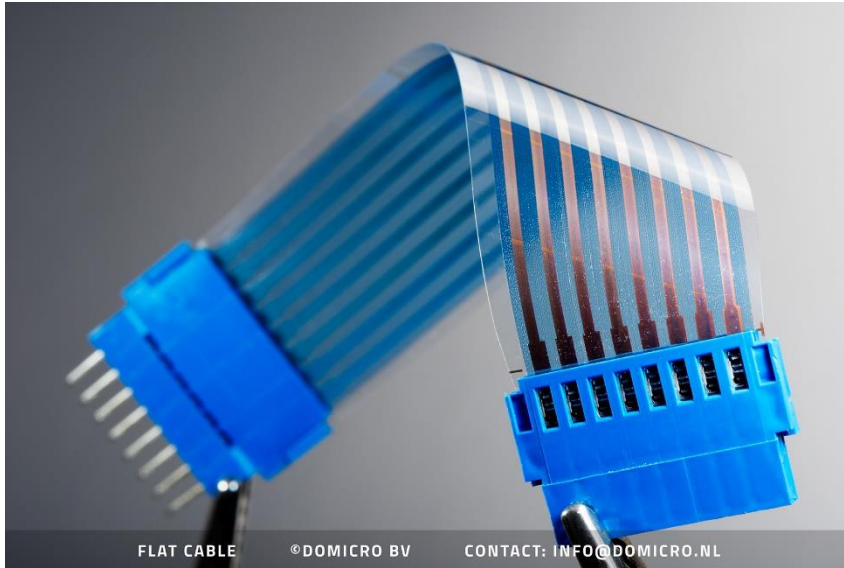


INKJET PRINTED PASSIVES



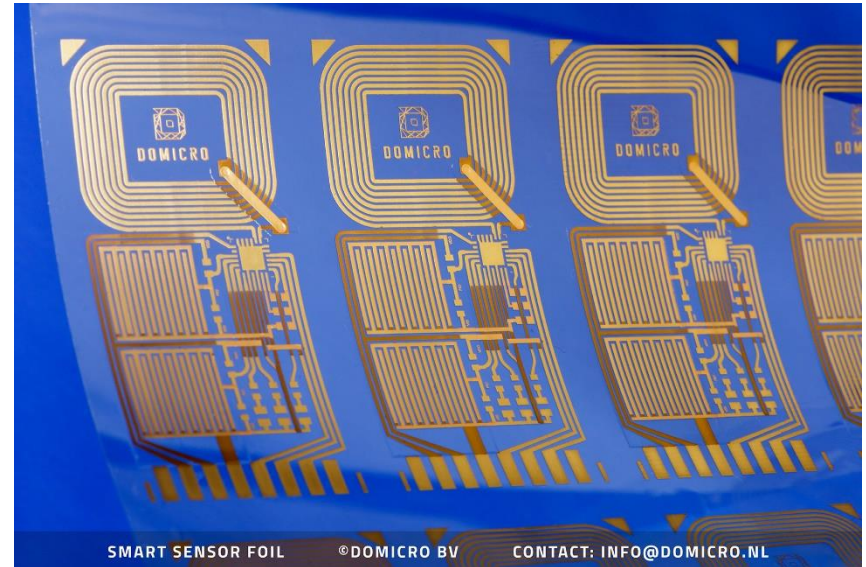
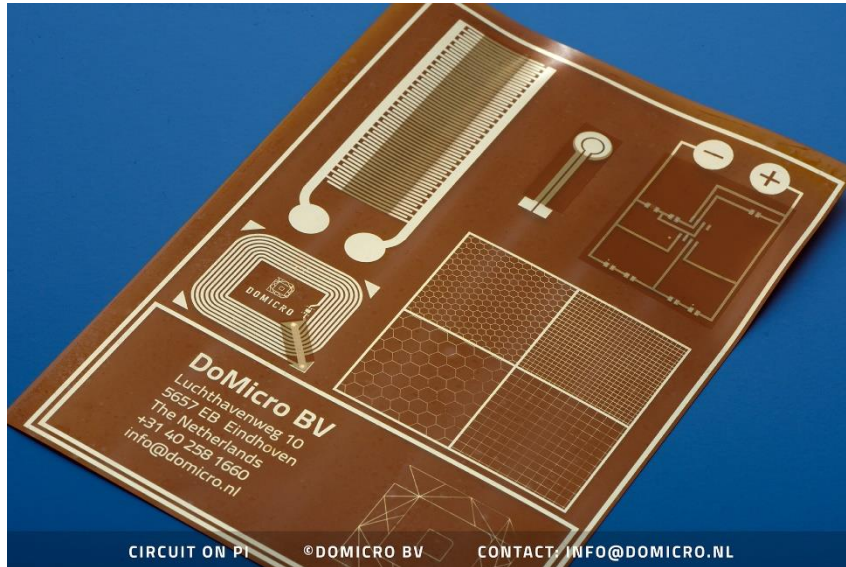


INKJET ON PEN



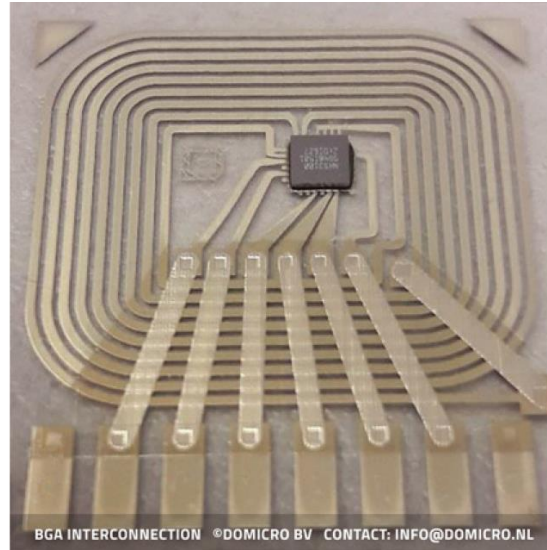
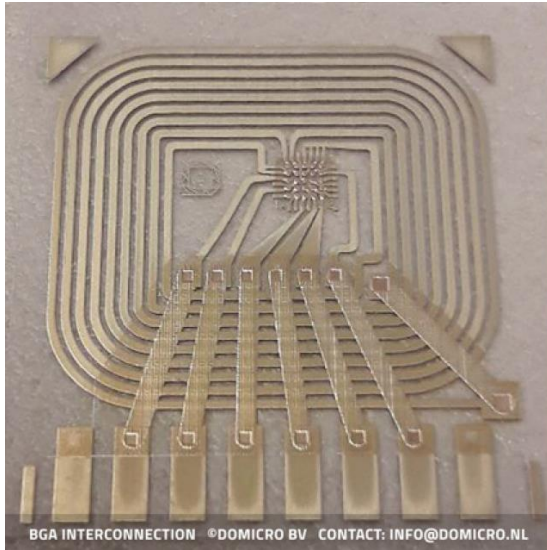


MULTILAYER CIRCUITS



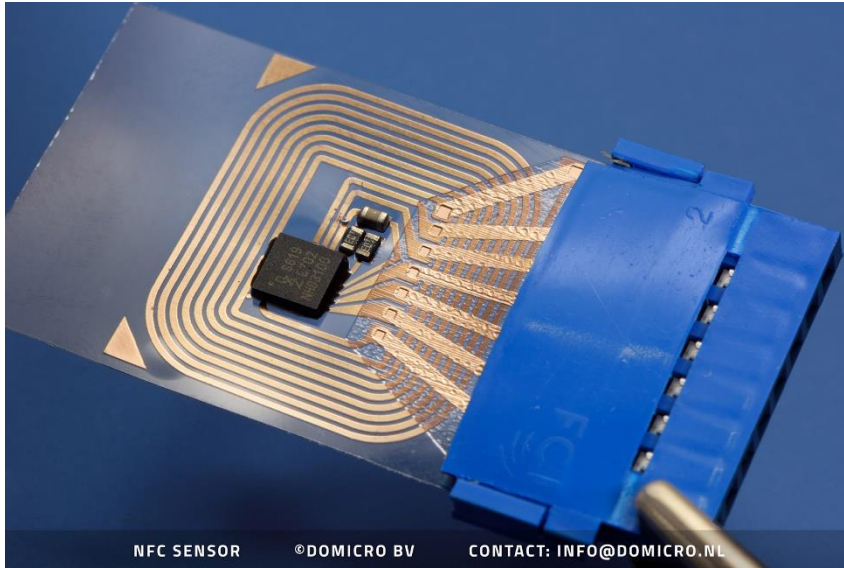


BGA INTERCONNECTION





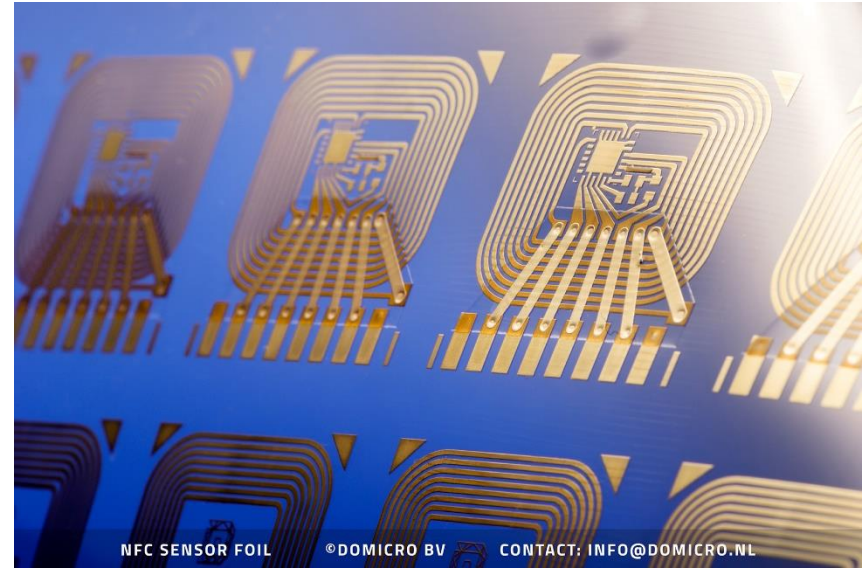
HYBRIDS FOR WIRELESS APPLICATIONS



NFC SENSOR

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



NFC SENSOR FOIL

©DOMICRO BV

CONTACT: INFO@DOMICRO.NL



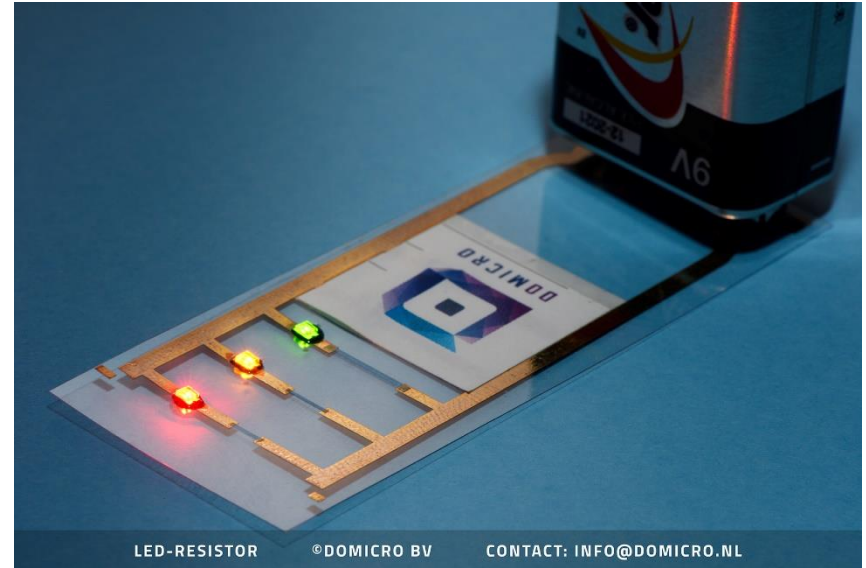
RFID & LED APPLICATIONS



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

STS

www.domicro.nl

info@domicro.nl

+31 40 258 1660