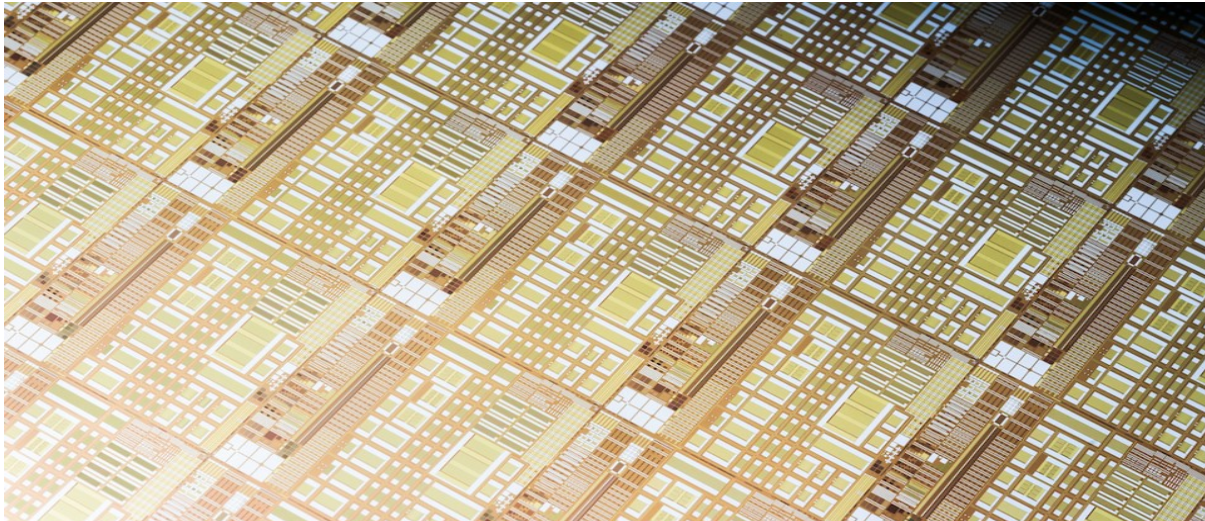




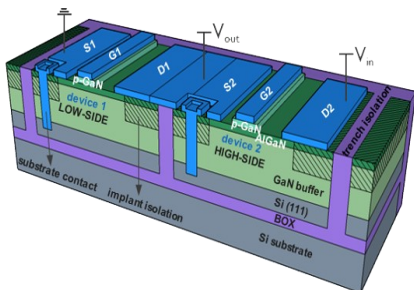
EUROPRACTICE

# Announcing imec GaN-IC MPW service!

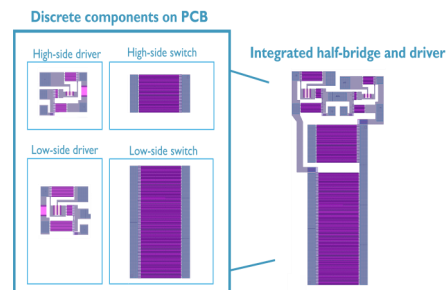


## GaN-IC FOR MONOLITHIC INTEGRATION OF POWER SYSTEMS

IMEC unlocks the full potential of GaN-on-SOI power electronics by offering a **Multi-Project Wafer (MPW)** service. Share mask, processing and engineering costs across multiple customers designs, delivering prototyping runs of 100 samples.



Schematic cross-section of monolithically integrated half-bridge fabricated on 200mm GaN-on-SOI with trench isolation



Monolithic integration of half-bridge and gate driver on imec's GaN-IC platform

## LOW COST GaN-IC MPW SERVICE

- Integrate multiple transistors on a single IC using trench isolation.
- Save package by packaging one instead of multiple devices.
- Reduce system parasitic inductance.

## GaN-on-SOI DESIGN KIT

To make this technology available, imec provides an extensive GaN on SOI Process Design Kit. This kit includes process documentation, library devices, layout guidelines, verification and models.

**Run schedule 2019**

**Access & Registration**

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