

### Features

- Utilizes gallium nitride on silicon substrate
- Achieves high-speed operation using two-dimensional electron gas
- Supports large currents and high temperatures

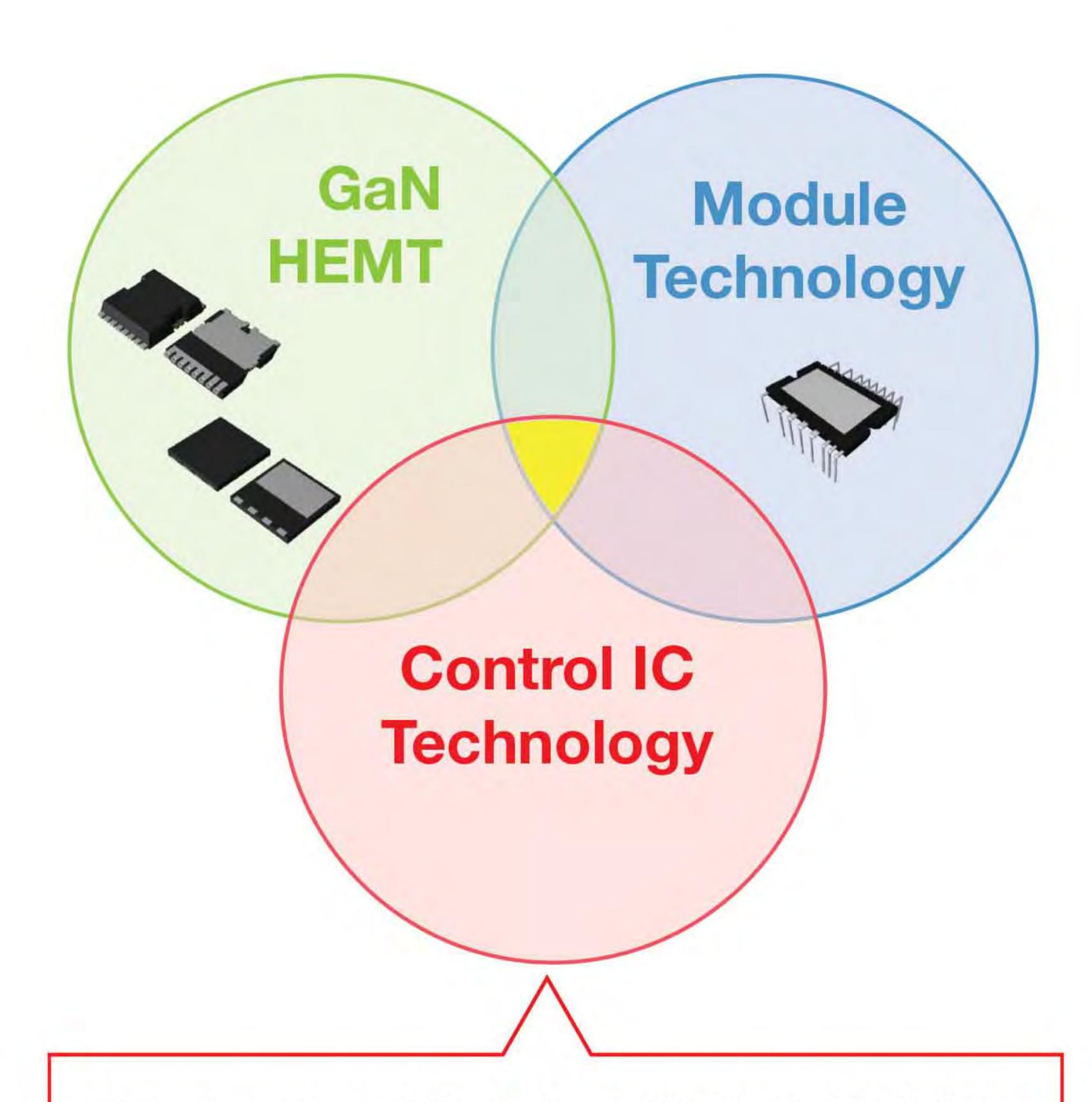
### Applications

- Industrial equipment (servers, base stations)
- Automotive





# Combining ROHM's original technologies

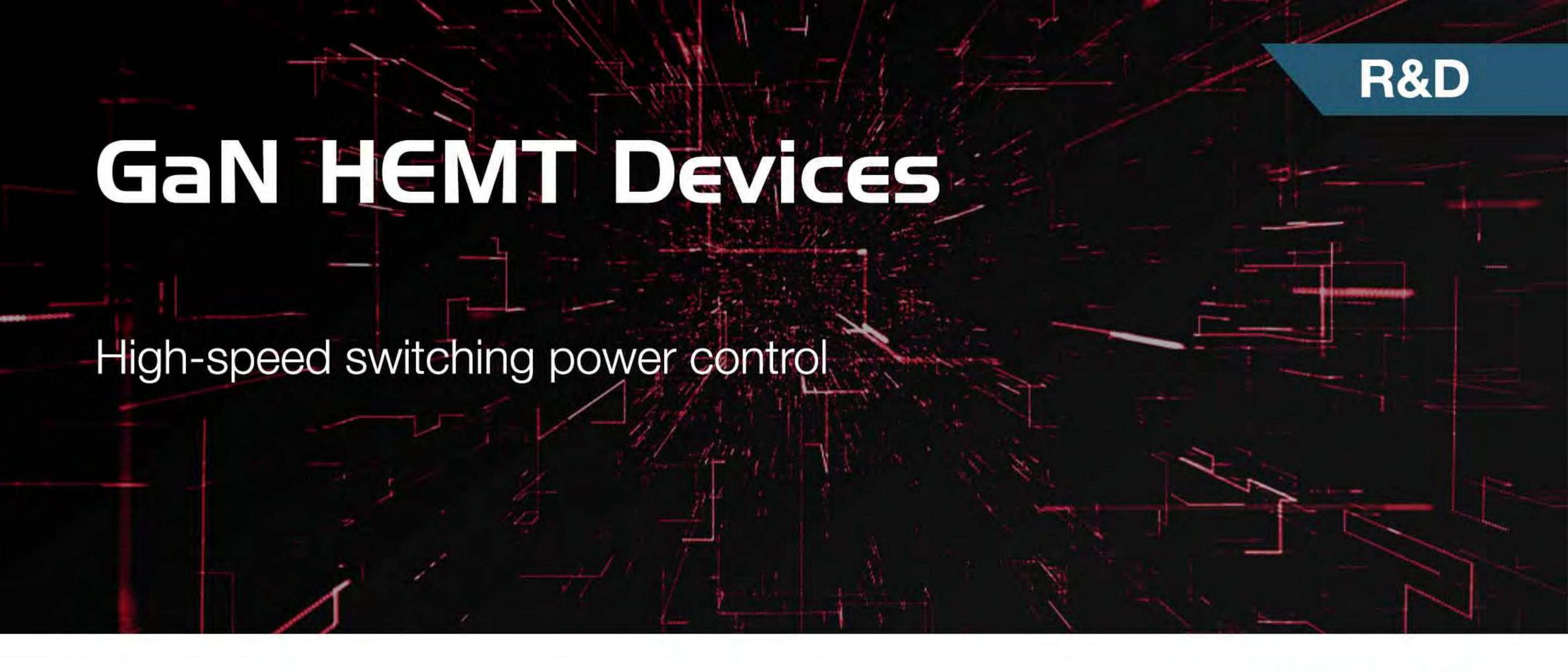


#### Development of Optimized ICs for GaN driving

- · Supports high frequency topologies >1MHz
- Faster response
- Built-in overcurrent protection function

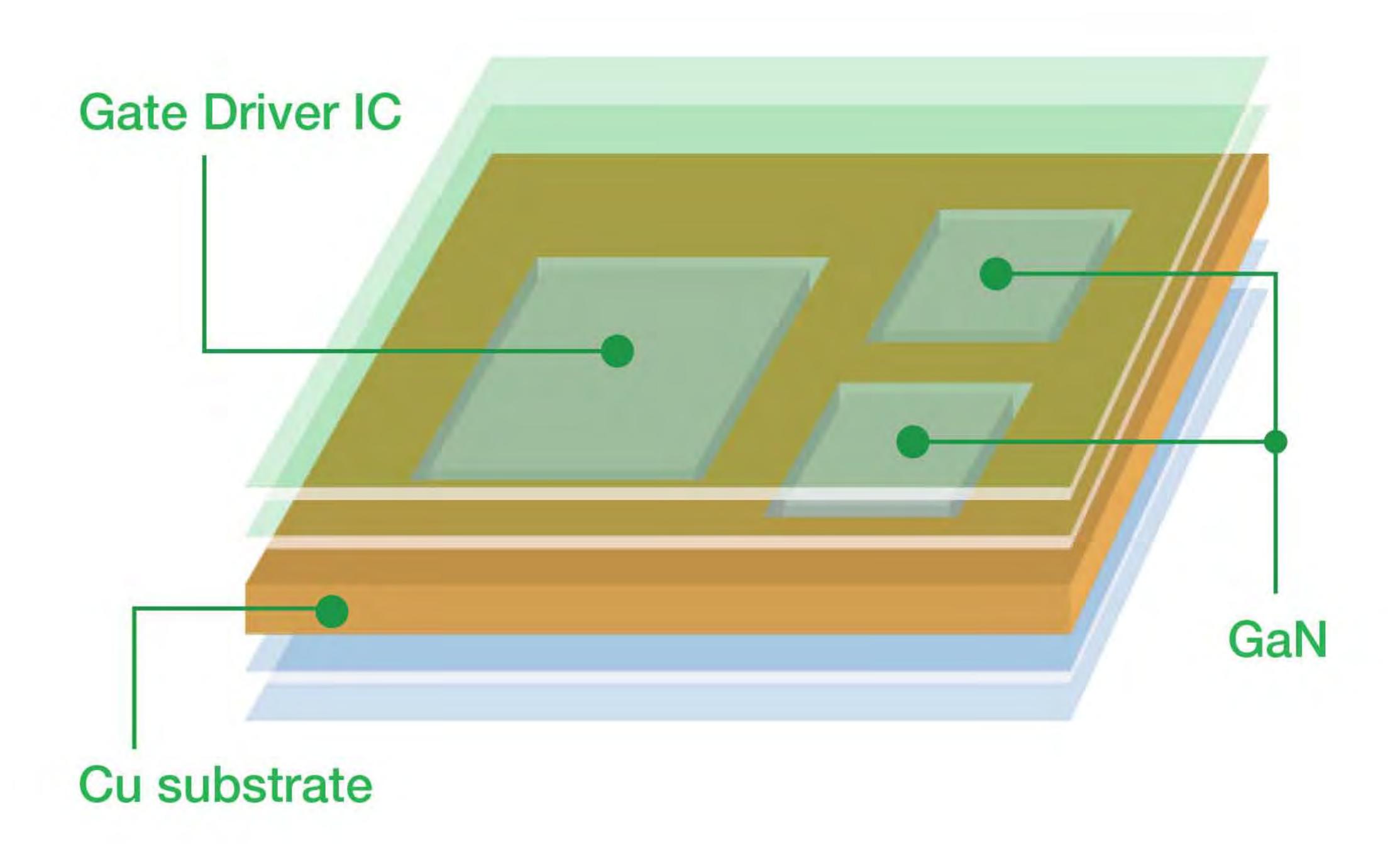
ROHM applies proprietary control and module expertise cultivated over many years to GaN

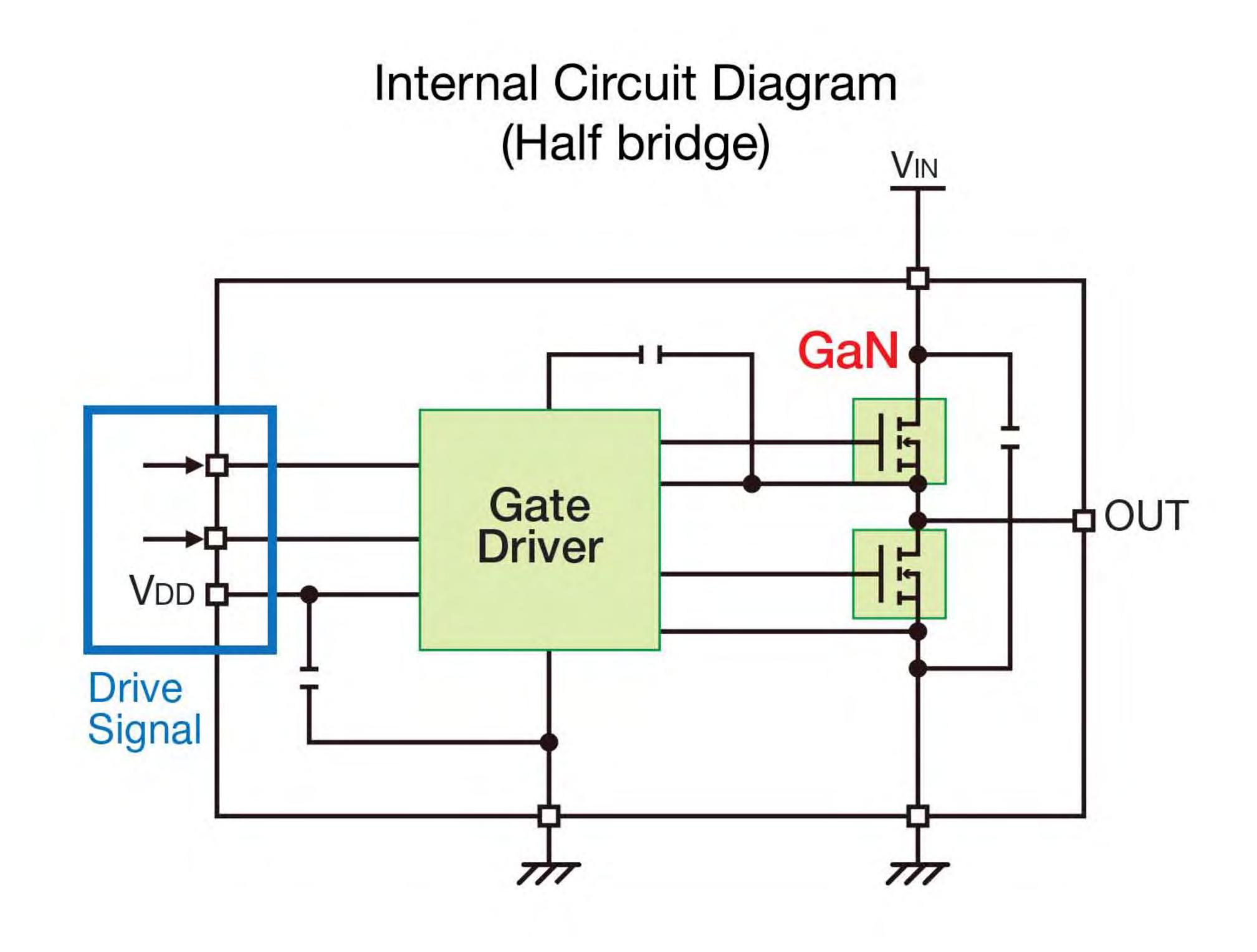




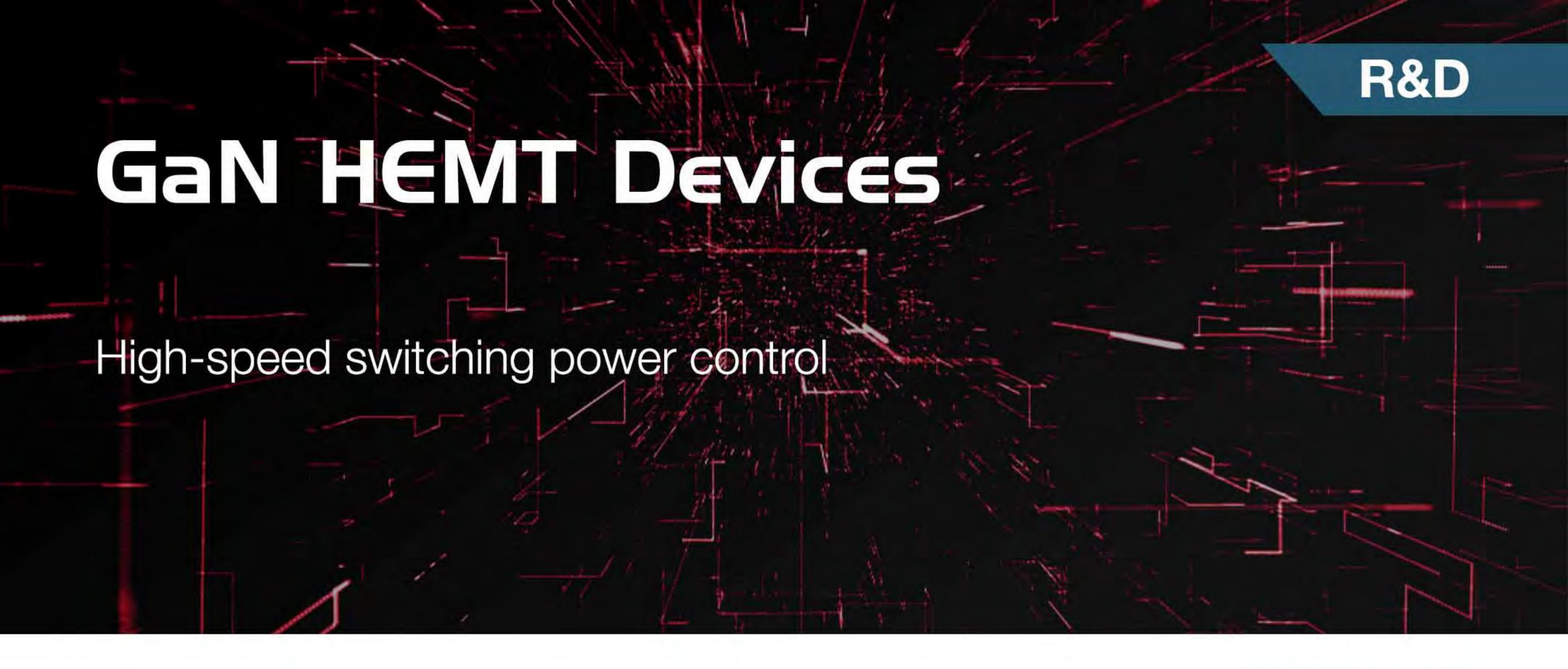


## Embedded package



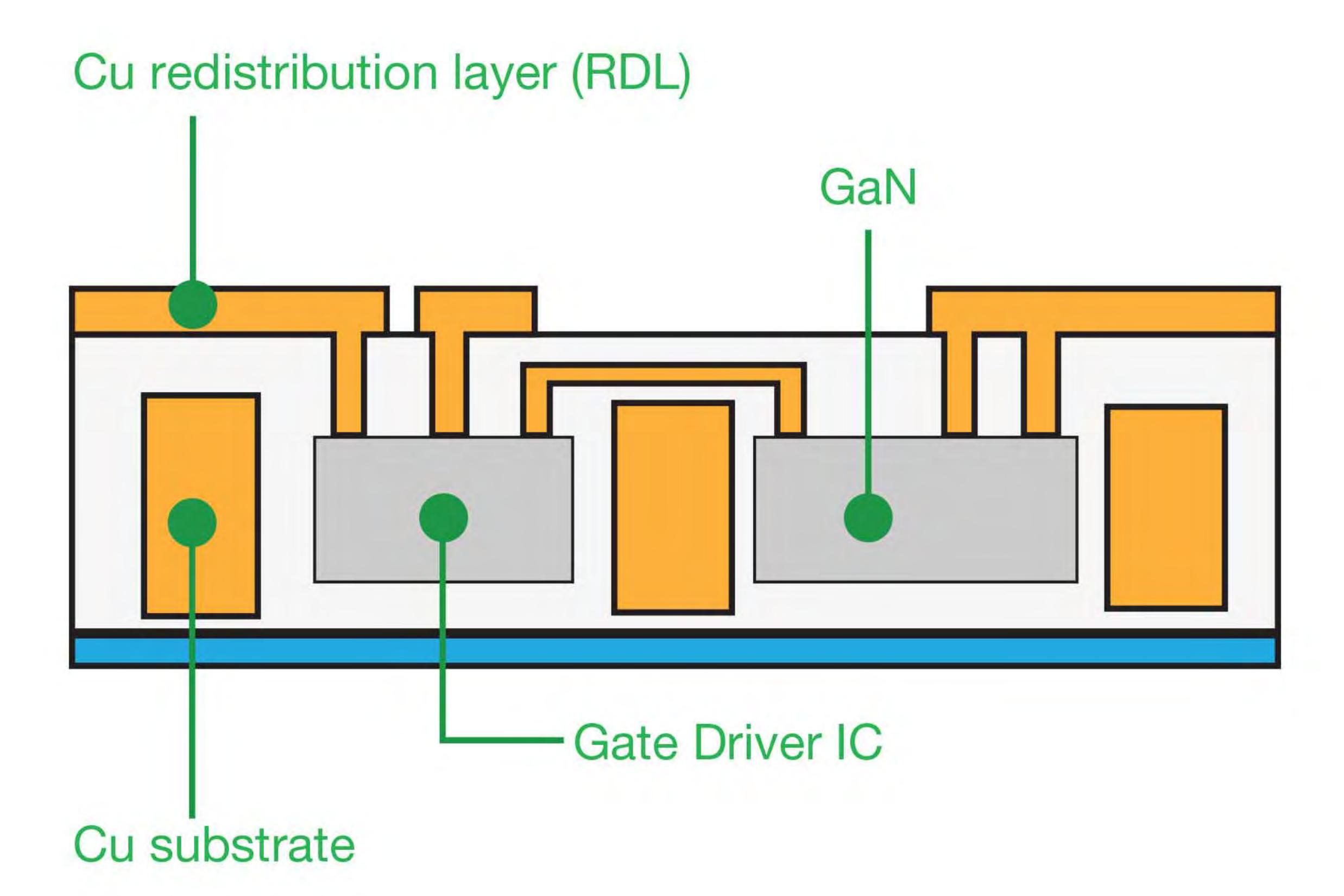




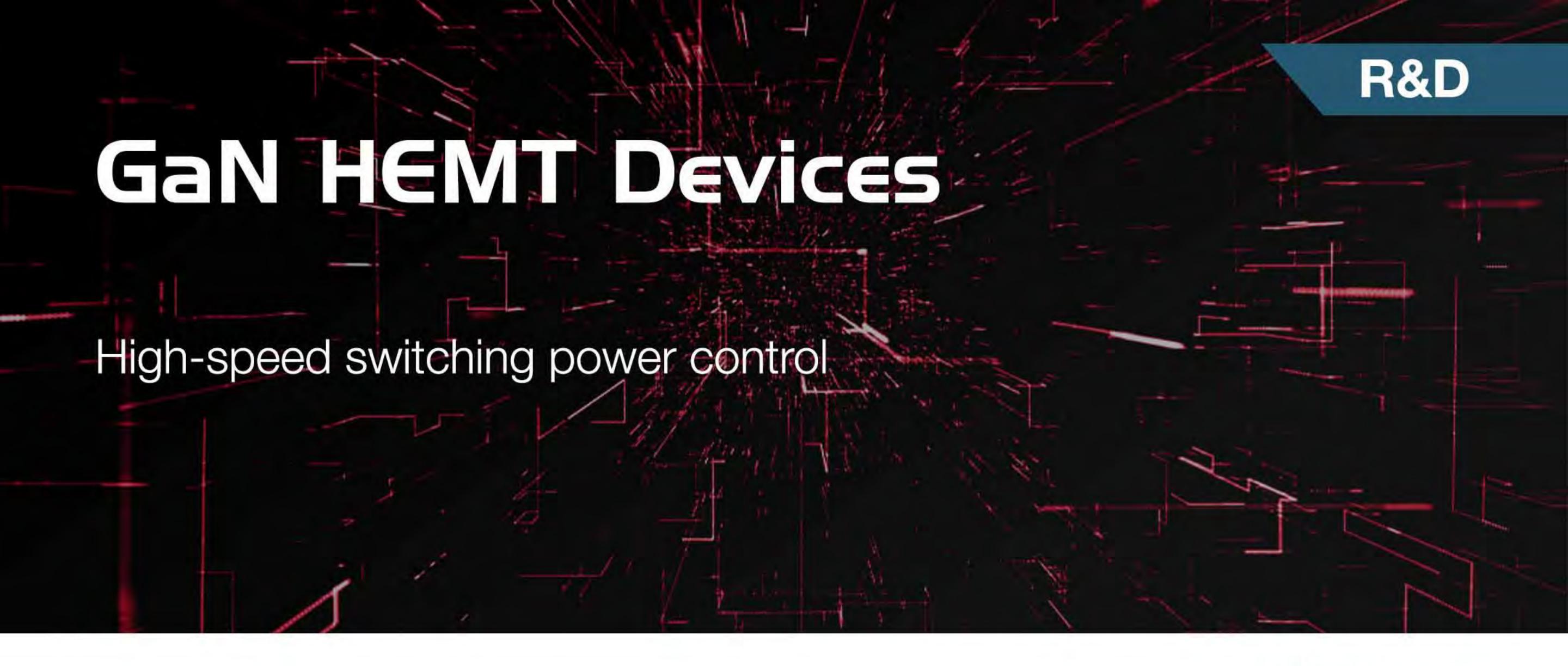




### Cross section

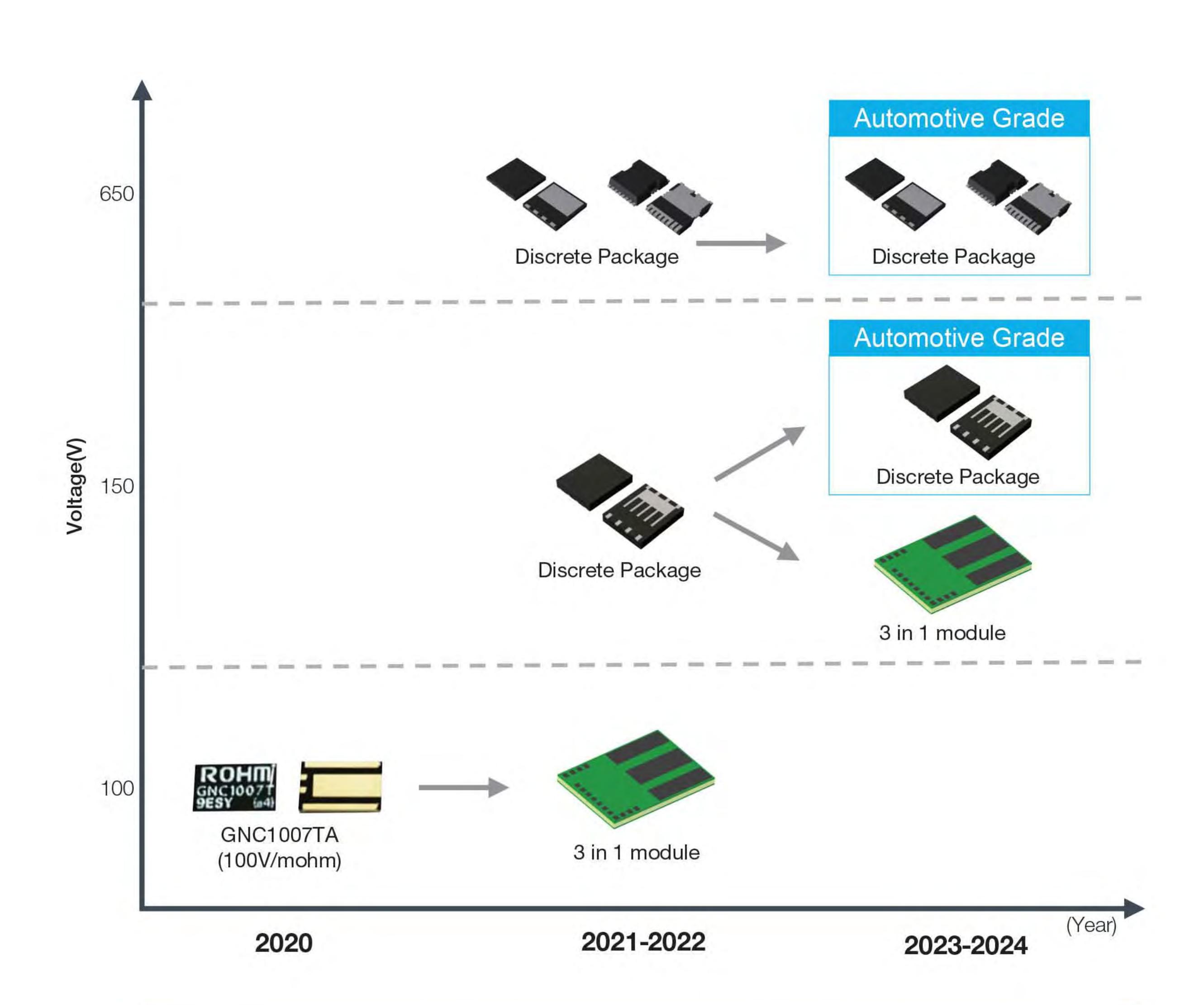








## Power device applications and road map



In addition to the current lineup suitable for industrial use, automotive-grade products will be available from 2023

