



January 2024

# **The Leading Global Partner in RF Power**

Company Profile



# The Leading Global Partner in RF Power

Created in 2015, Ampleon is shaped by more than 50 years of RF Power leadership. The company envisions to make the world a better place through innovation in high frequency applications based on the advanced GaN and LDMOS technologies. Ampleon has more than 1,500 employees worldwide, dedicated to enabling their customers to be successful with RF Power products through close cooperation and partnership, innovation, and excellent execution. Its innovative, yet consistent portfolio offers products and solutions for 4G LTE and 5G NR infrastructure, industrial, scientific, medical, broadcast, navigation and safety radio applications.

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[www.ampleon.com/cprf](http://www.ampleon.com/cprf)

# Ampleon at a Glance

## Our Company

- Worldwide presence (HQ in Nijmegen, Netherlands)
- 1,500 employees in 16 sites
- Sales, Application and R&D on 3 continents
- Own manufacturing facility
- Reliable global supply chain
- Partnering with leading external manufacturers
- Strong financial performance enabling investments in R&D



## Technologies and Products

- Market-leading RF Power know-how
- Broad GaN and LDMOS technology portfolio
- Comprehensive package line-up
- Outstanding product consistency
- Scientific ecosystem with universities and institutes



## Our Businesses

- Designing and manufacturing RF Power products for over 50 years
- Industry leader addressing the market segments:
  - Wireless Infrastructure
  - Navigation and Safety Radio
  - Broadcast
  - Industrial, Scientific and Medical



## Our Customers

- Servicing all global base station manufacturers and customers in specific market segments directly and through our global distribution partners





# Company History



## 2015 (Dec. 7)

Company foundation

## 2016

Own **package-assembly-test factory** established in the Philippines

## 2017

Go-live of our own Enterprise Resource Planning (**ERP**) system  
Release of our **LDMOS** captive foundry process

# Company History



## 2018

Start of **5G** in Mobile Broadband business



## 2019

**Top supplier awards** from customers



## 2020

Ramp-up of **GaN** in Mobile Broadband business



## 2021

Introduction of best-in-class **Advanced Rugged Technology (ART)**  
**in MultiMarket** businesses



## 2022

Factory in the Philippines on 100 % renewable electricity:  
**Amplify a sustainable future**



# The Leading Global Partner in RF Power



## Best-in class

RF power technologies and designs for every customer application

## Superior

application knowledge and support, enabling market leading customer solutions

## Proven

Reliability, secure supply and excellent product consistency, enabling the highest manufacturing yields for our customers

# Environmental Social Governance (ESG)

## Performance Review

- Annual participation in the Ecovadis monitoring for gap analysis



## Banned Substances

- Applying the legislation, fulfilling customers' requirements and imposing measures on our suppliers



## Responsible Sourcing

- Adhering to Responsible Business Alliance (RBA) guidelines



## Greenhouse Gases

- Committed to reduce our carbon footprint by 50 % before 2030
- The Philippines fab on 100 % renewable electricity



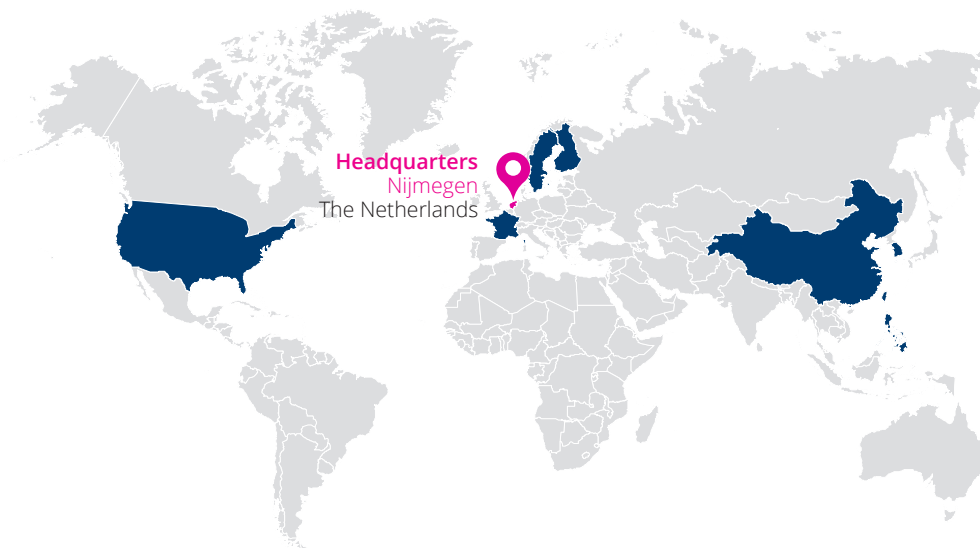
## Human Rights

- Operate responsibly, adhering to laws and regulations
- Our Code of Conduct is aligned with the Responsible Business Alliance (RBA) Code of Conduct



# The Global Team

- 1500 team members on 3 continents
- Professionals and industry experts from over 30 nationalities
- Fostering variety and diversity (ethnicity, gender, age)
- Offering equal opportunity employment
- Aspiring to be a “Great Place to Work”



**43 %**  
Female population



**57 %**  
Male population



# From Prototype to Volume Production

**High consistency of performance from sampling to final production, serving global customers:**

## **Prototype line**

- New Product Introduction (NPI) line to assure smooth link between development and production

## **Manufacturing**

- Continuously improving quality and accelerating time to market
- Own back-end manufacturing facility in the Philippines with many years of experience in delivering volume production with class 10K clean rooms for critical process steps

## **Partnering for Success**

- Cooperating with leading external manufacturing partners to establish a solid and secure industrial base for our differentiating technologies
- Co-development with key component and material suppliers on new technologies



# Distribution Partners Around The Globe

ANW

AVNET

CECport  
中电港

DAEJIN  
SEMICONDUCTOR

DigiKey

XY 鼎芯  
物联网方案领导者

FLIP  
ELECTRONICS  
Making Obsolescence Obsolete

RF  
M-RF CO., LTD.



RFMW

Rochester  
Electronics

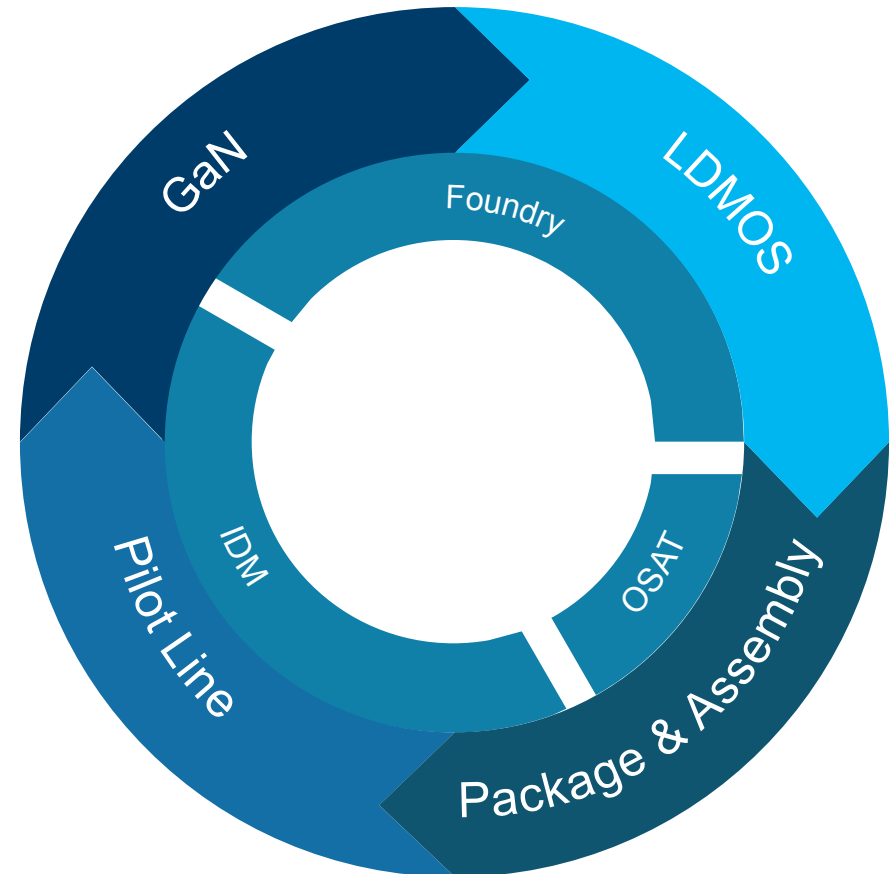
VIA  
group



WT MICROELECTRONICS

# GaN & LDMOS Technology

- LDMOS has been the key technology for the past few decades
- GaN is offering higher power density, wider bandwidths and higher efficiencies, enabling lower power consumptions and higher performance of sustainable RF Power solutions





# We Amplify The Future of our Business Partners

FOCUS, EXCELLENCE and VELOCITY  
are guiding our behavior

## Our Vision



is to make the world a better place  
through innovation in high frequency  
applications based on the advanced  
GaN and LDMOS technologies

## We Enable



our customers to be successful  
with RF Power products through  
close cooperation and partnership,  
innovation, and excellent execution

# AMPLEON

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