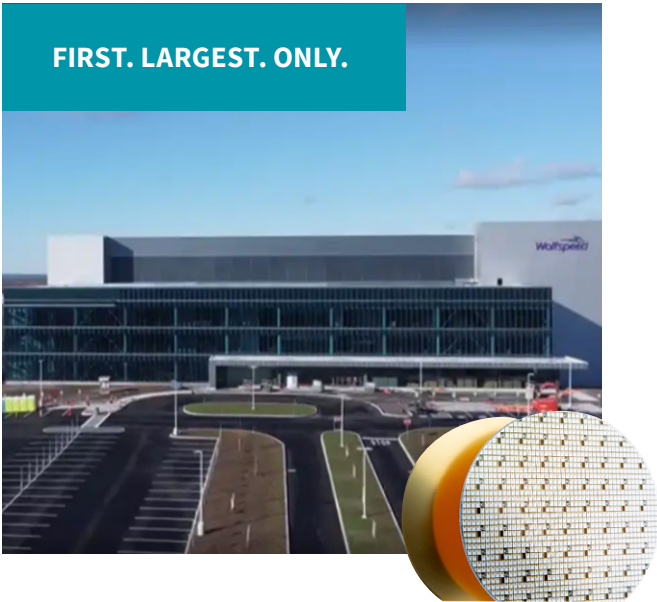




# WOLFSPEED® PLAN TO EXPAND SILICON CARBIDE SUPPLY

FIRST. LARGEST. ONLY.



Commanding nearly 60% of the N-type Silicon Carbide substrate market in 2018-2019 as estimated by Yole<sup>1</sup>, Wolfspeed® is naturally the supplier to resolve supply challenges due to growing market confidence in Silicon Carbide. The company is investing \$1 billion in a new 200-mm wafer Mohawk Valley Fab (MVF) and additionally converting its existing facility into a materials mega-factory.

While competitors are still using 150-mm fabs, Wolfspeed is leveraging vertical integration and internal “cycles of learning” to address demand and cost with 200-mm wafers from the new automotive-qualified automated facility.

The MVF construction is complete, the first 200-mm wafers demonstrated, and the fab is undergoing qualification for mass production.

Reference: <http://www.yole.fr>

## Expanding with the Environment in Mind

We continuously explore options for environmental-related improvement projects to help offset our expansion efforts. The following initiatives are planned to be implemented at our new Mohawk Valley Fab.

Building Efficiency

**LEED**

Our new Mohawk Valley Fab is planned to be LEED certified

Energy Savings

**5000+ MWh**

of annual energy savings are built into the design of our new fab

Renewable Energy

**50%**

of our energy will come from carbon-free or low carbon sources

Water Savings

**500k+ gal**

of annual water savings are built into the design of our new fab

Water Recycling

**60k gal**

of water planned to be recycled per day at our new fab

EV Charging

**14**

new electric vehicle (EV) charging stations planned to be installed

## Why Wolfspeed Silicon Carbide?

### Wolfspeed invented the Silicon Carbide MOSFET

30+ years of Silicon Carbide power with 7+ trillion installed field hours

### Wolfspeed is investing for the Future

#1 market share in Silicon Carbide technology, 30x capacity by 2024

### 17+ Years of Diode and MOSFET Production

Thousands of customers with millions of MOSFETs, Diodes and Modules

### Focused Development and Customer Support

ALL resources dedicated to developing Silicon Carbide capacity, devices, packages, and to providing superior applications support

## We Provide Silicon Carbide Solutions

- » Silicon Carbide power devices
- » Silicon Carbide expertise—this is all we do
- » Application reference designs
- » Expert systems engineering support
- » Online simulation platform

TO LEARN MORE, VISIT US AT [WOLFSPEED.COM/POWER](http://WOLFSPEED.COM/POWER)

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