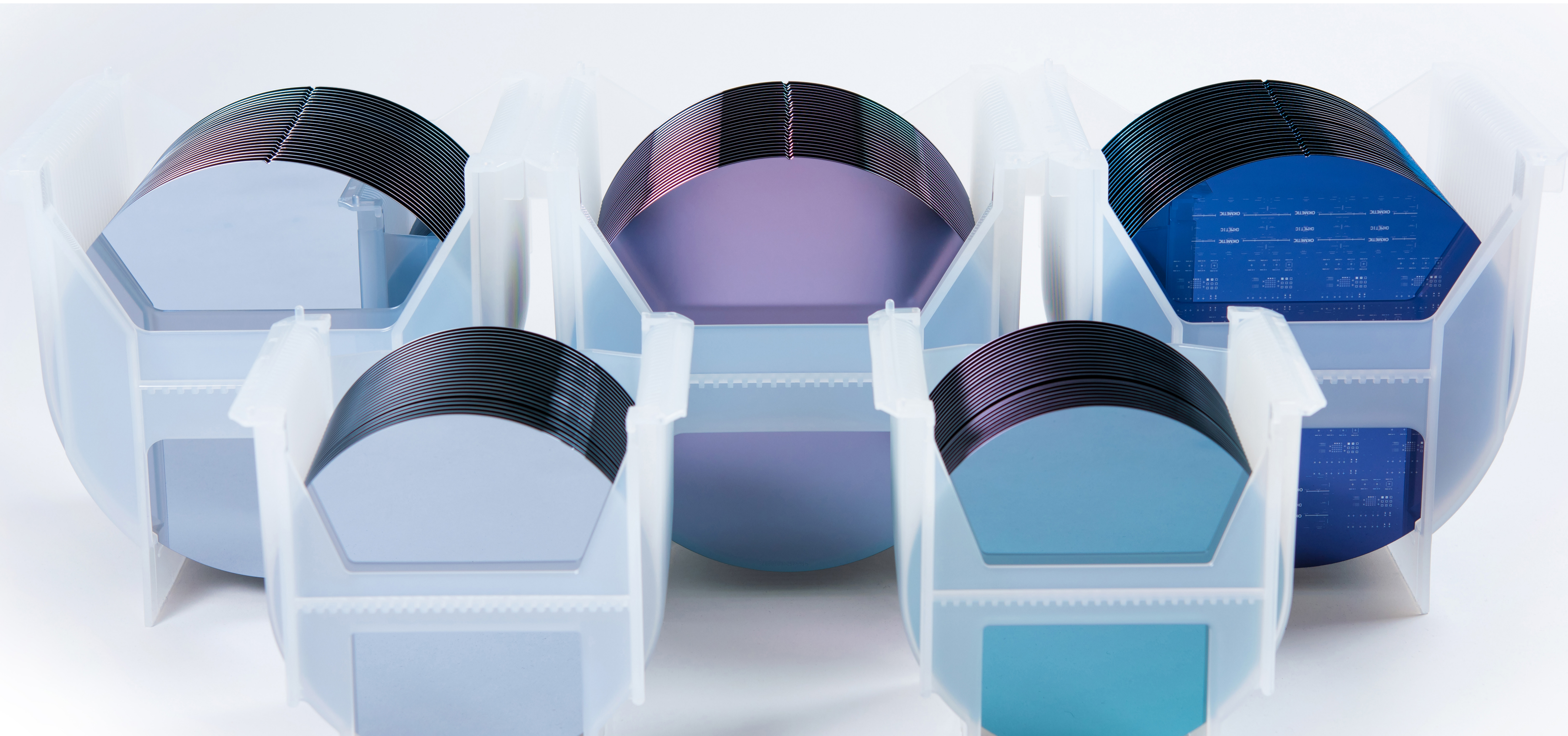


OKMETIC



ADVANCED SILICON WAFERS FOR MEMS, RF AND POWER DEVICES

LEADING SUPPLIER OF ADVANCED SI WAFERS

Okmetic, founded in 1985, is the leading supplier of advanced silicon wafers for the manufacture of MEMS and sensors as well as RF and power devices. The company's decades-long crystal growth, wafering, and SOI expertise and in-house capabilities for lithographic patterning and deep reactive-ion etching guarantee an optimal platform for the manufacture of even the most advanced of devices. Okmetic's headquarters is located in Finland, where the majority of the company's silicon wafers is manufactured. Worldwide sales organization and technical support ensure quick local service, rapid prototyping and highly optimized wafer solutions meeting your device and process needs.

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GENERAL SILICON WAFER SPECIFICATIONS

Growth methods	Cz, MCz, A-MCz®
Diameter	150, 200 mm
Crystal orientation	<100>, <110>, <111>, off-oriented
N type dopants	Arsenic, Phosphorus, Red phosphorus
P type dopants	Boron
Resistivity	<1 mOhm-cm up to over 10,000 Ohm-cm
Backside treatment	Etched, polyback, LTO, polished

SILICON WAFER PORTFOLIO

SOI (Silicon-On-Insulator) wafers, large product family
Patterned wafers, DRIE and lithography
DSP (Double Side Polished) wafers
SSP (Single Side Polished) wafers
RFSi® wafers with resistivities up to and beyond 10 kOhm-cm
Low resistivity wafers below 1 mOhm-cm
Wafers for GaN-on-Si applications
TSV wafers

