

# NanoSILICON, Inc.

## NSi Newsletter, Q2 2017

### Communication

NanoSILICON, Inc. is growing. In an effort to keep our customers informed of our latest upgrades and industry trends, we offer you our first ever quarterly newsletter.



## Silicon Wafer Prices Rise In 2017

### *Vendors Advise NanoSILICON, Inc. to Expect Material Cost Increases*

With an increase in silicon wafer demand (especially 300mm), and no significant increase in silicon manufacturing capacity, the Semiconductor materials sector expects an across the board price increase for silicon wafers commencing in Q2 2017. The per-square inch cost of silicon wafers has reached an 11-year low, and this adjustment is a necessary correction. The demand for silicon wafers has increased globally, but the major driving force is China-based foundries.

We anticipated this increase several months ago and began to aggressively purchase inventory to support our current and future customer base. We will continue to implement this strategy, and while we cannot guarantee wafer prices will not increase for certain specifications, we will do everything to ensure that we remain amongst the most competitively priced vendors in the market.

We value your business and if you have any questions or comments, please do not hesitate to contact one of our Sales team members.

### Services

Reclaim	2" through 300mm Metals & Non-Metals Lines
Virgin	Test and Prime Nano Silicon in house polished wafers
Broker	Factory sealed material SunEdison, Sumco, SEH, LG Siltron
Oxide	Wet and Dry in house Thermal Oxidation
Cassette	Cassette cleaning



SEMI Members  
Since 2015

NanoSILICON, Inc.  
Reliable - Quality - Services  
[sales@nanosiliconinc.com](mailto:sales@nanosiliconinc.com)

## NanoSILICON, Inc. Evolving With The Semiconductor Industry

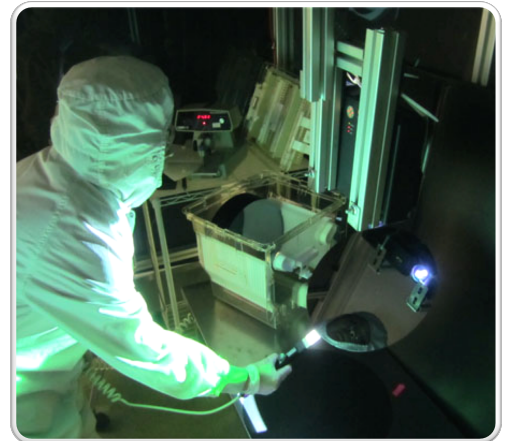
### *What NSi Is Doing To Accommodate Customer Needs*

NanoSILICON, Inc. keeps an eye on the latest industry forecasts and trends. By analyzing where we are headed as an industry we strive to continuously improve our production capabilities to stay aligned with the needs of our customers.

Through the closure of Silicon Quest, Inc., the acquisition of SunEdison by Global Wafer, and various customer mergers and acquisitions the demand for NSi reclaim services have increased exponentially. Other products and services such as virgin test and prime grade brokered wafers, in house NSi polished test and prime wafers have also grown.

Keeping up with the higher volumes and tighter specs has motivated NSi to bring two new polishers on line, and reconfigure our production flow. These changes will help achieve our main goals of increased capacity, reduced lead time, and tighter specification requirements.

Stay in touch and let us know how we may help.



300mm Reclaimed Wafers Being Visually Inspected



2" through 300mm Diameter Wafers  
Dry and Wet Thermal Oxidation  
500Å Through 5µm Thicknesses  
Standard  $\pm 5\%$  Uniformity

## NSi Thermal Oxide

NanoSILICON, Inc. is excited to introduce in house Thermal Oxidation. The first of three furnaces is up and qualified with the second and third scheduled to finish this April.

Reduce your lead times by having NSi supply your thermal oxide. Whether you order virgin test and prime wafers or use our reclaim services, if you need thermal oxide allow us to help.

Call your sales representative today for pricing.