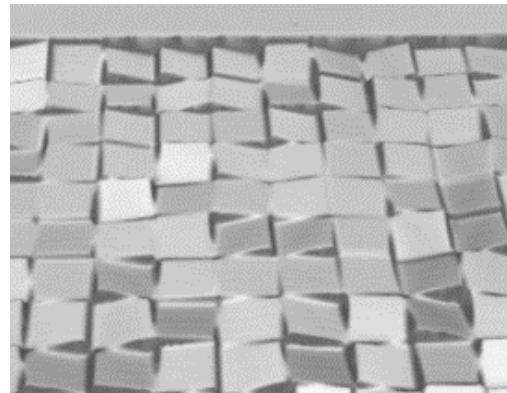
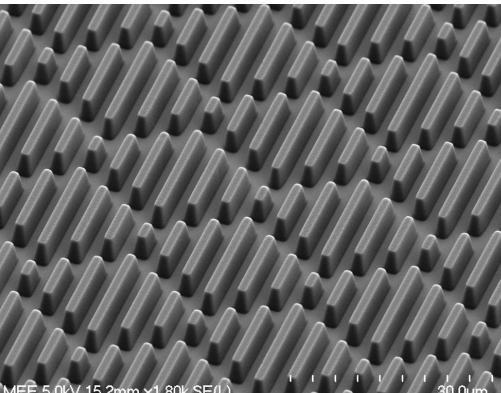
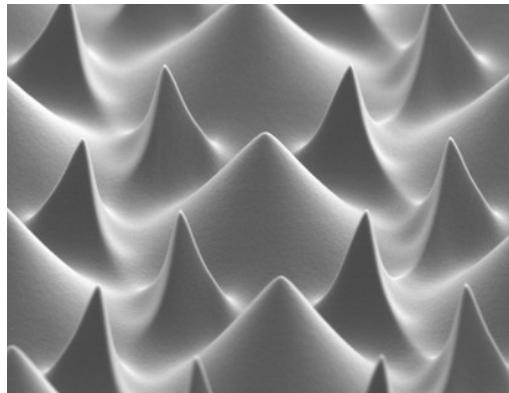




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# Custom Micro/Nano Structures



Fabricate custom multi-dimensional micro and nano structures with Himax IGI's exceptional engineering services.

- Gratings
- DOEs
- Many more custom designs
- Pattern transfer into customer substrates

	Nano-Structure Mastering	Micro-Structure Mastering
Substrate Size	200 mm	up to 800mm x 960mm
Minimum Structure Size	5 nm	0.8 um
Structure Height	up to 5 um	up to 100 um
Surface Roughness	<5 nm	<20 nm
Nominal Shape Tolerance	Structure Dependent	<250 nm
Patterned Area	Structure Dependent	up to 600mm x 800mm

**Himax IGI**  
4611 E. Lake St.  
Minneapolis, MN 55406

Call us  
612.721.6283

Email us  
[sales@himaxigi.com](mailto:sales@himaxigi.com)

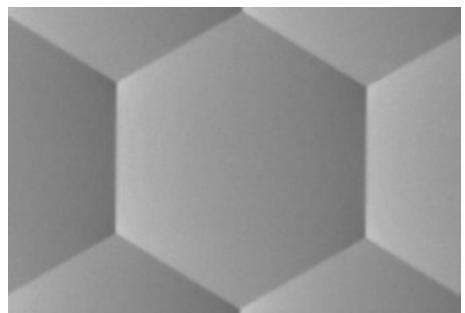
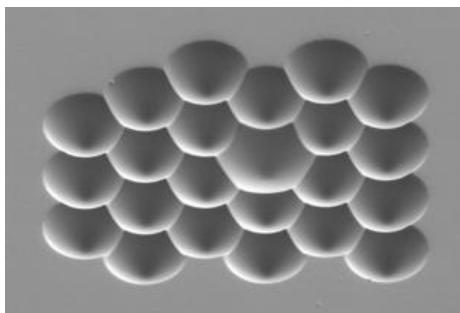
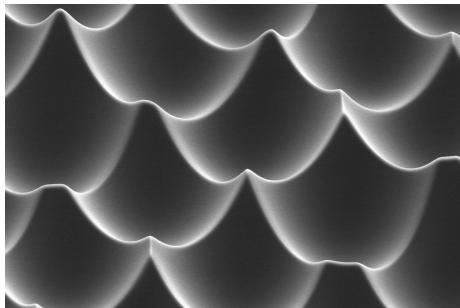
For more info visit  
[www.himaxigi.com](http://www.himaxigi.com)



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# MLAs and Diffusers



Fabricate state-of-the-art custom Micro Lens Arrays and Diffusers. We are your one-stop shop from **Optical Design to Replication**.

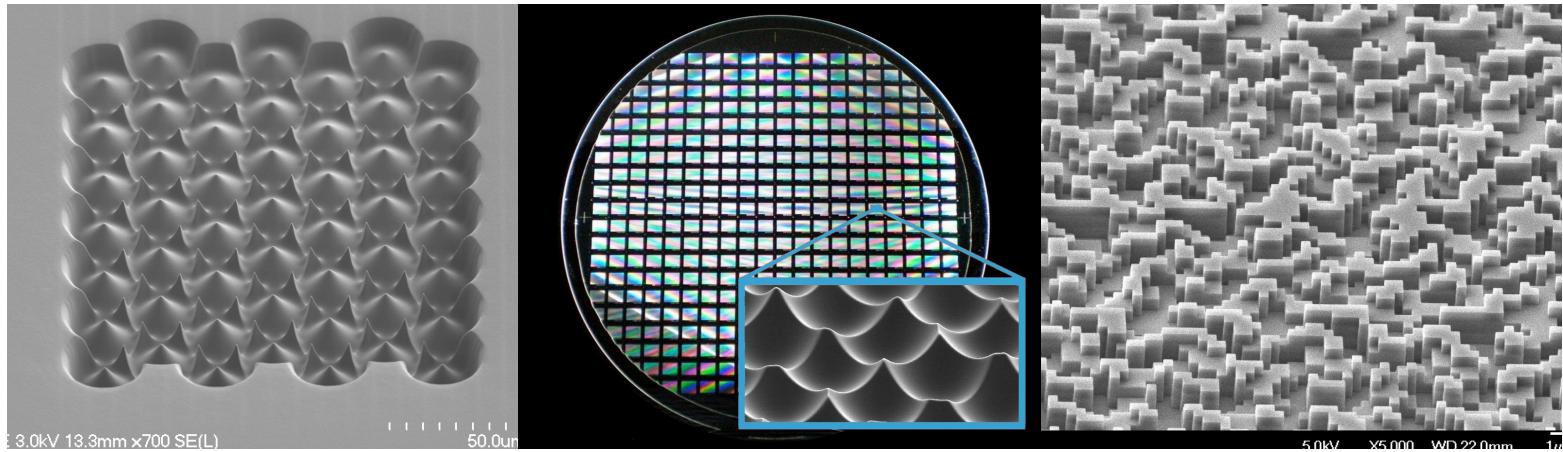
- Mixed Structures and Sizes
- Freeform and Random Diffusers
- 100% Fill Factor
- All Custom Designs



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# Nanoimprint and Replication



Fabricate custom multi-dimensional micro and nano structures with Himax IGI's exceptional engineering services.

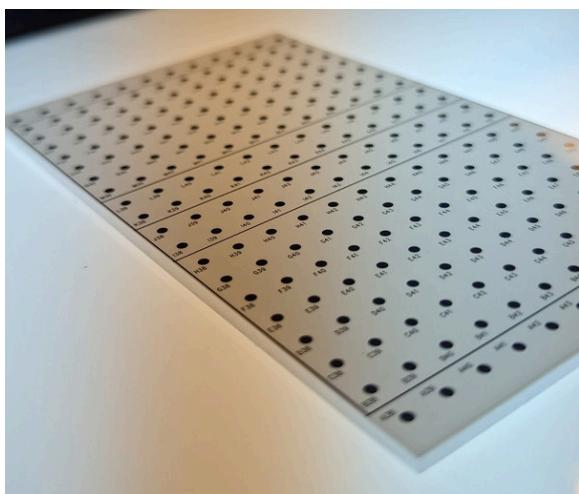
- UV Curable Resin Replicas/Parts
- Low and High Volume Imprinting/Replication
- Wafer Level Imprinting/Replication
- Large Area Imprinting/Replication
- Variable Index of Refraction range based on application needs.



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# Glass Parts



Fabricate cutting edge glass parts and reticles with Himax IGI's top of the line engineering services.

- Custom Optical Components and Standards
- Robotic and Machine Vision Standards
- High-Precision Custom Reticles
- Pattern Analysis and Stage Micrometers
- Test Targets and Charts