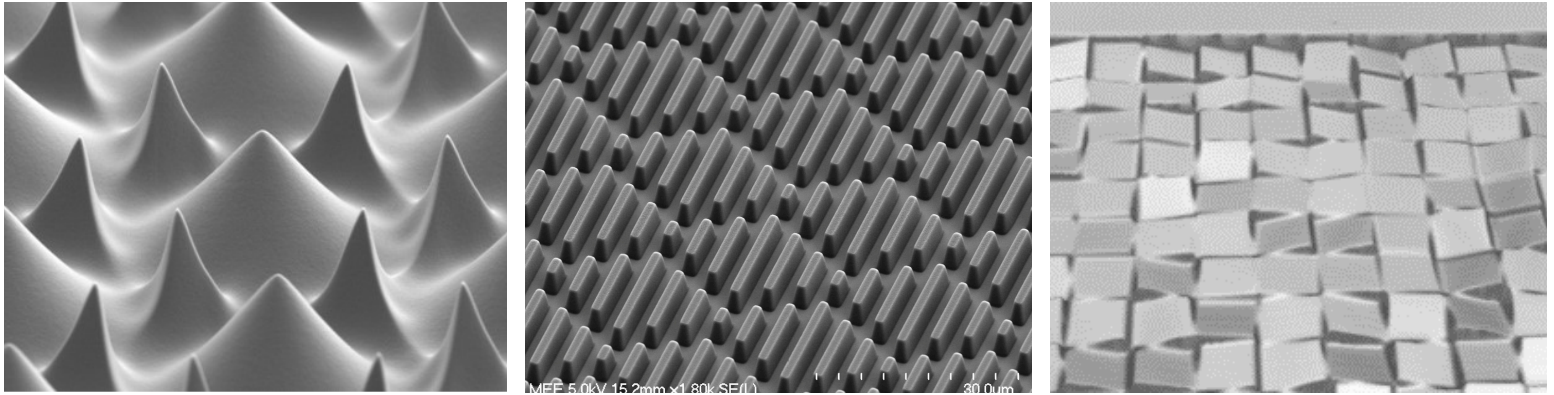


# Custom Micro/Nano Structures



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

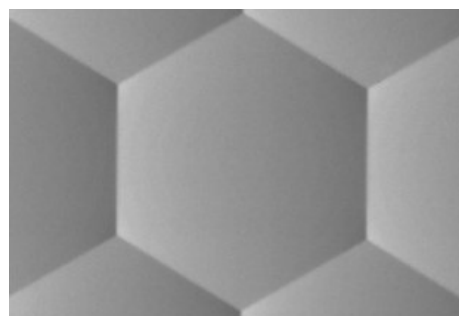
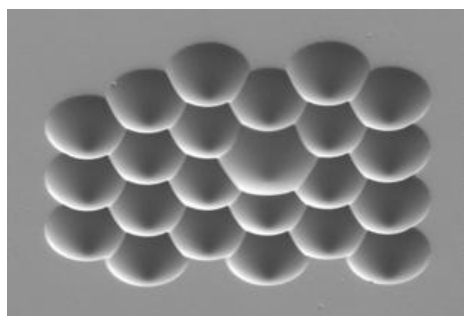
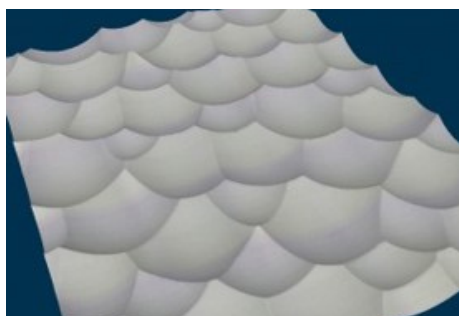
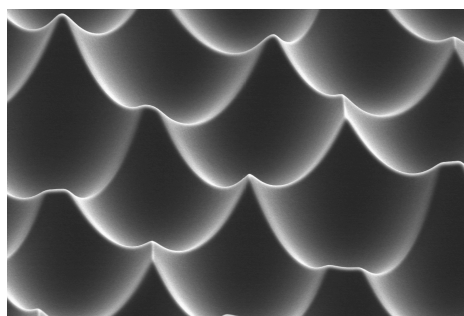
	Nano-Structure Mastering	Micro-Structure Mastering
Substrate Size	200 mm	up to 800mm x 960mm
Minimum Structure Size	5 nm	0.8 um
Structure Height	up to 5 um	up to 100 um
Surface Roughness	<5 nm	<20 nm
Nominal Shape Tolerance	Structure Dependent	<250 nm
Patterned Area	Structure Dependent	up to 600mm x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



**Himax IGI**

Solutions for Tomorrow's  
Technology

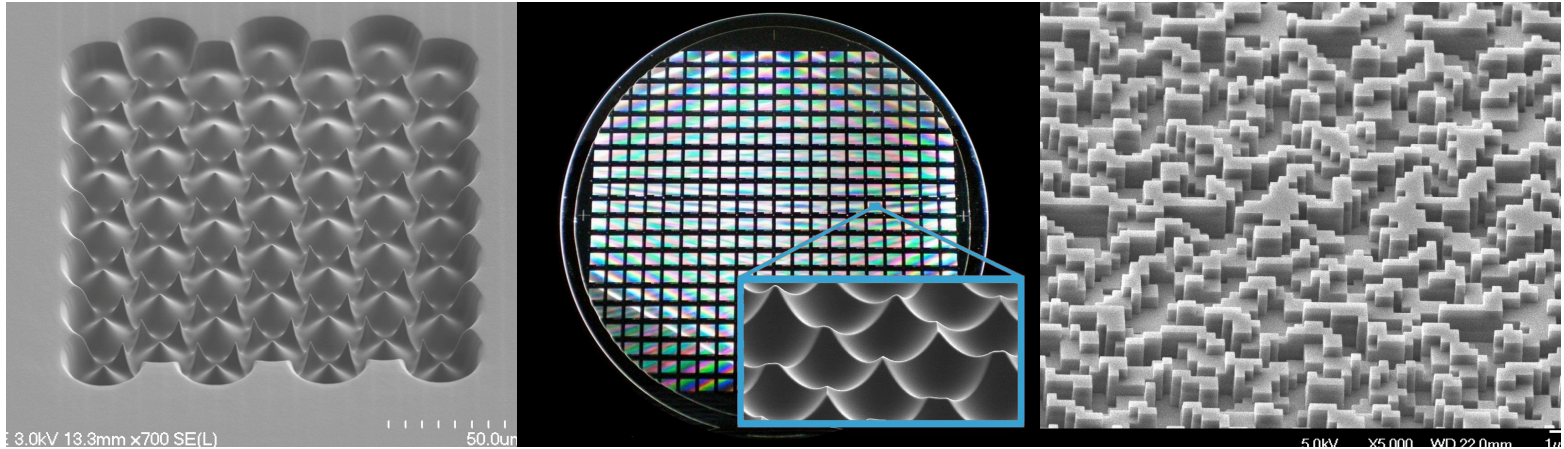
## MLAs and Diffusers



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

# Nanoimprint and Replication

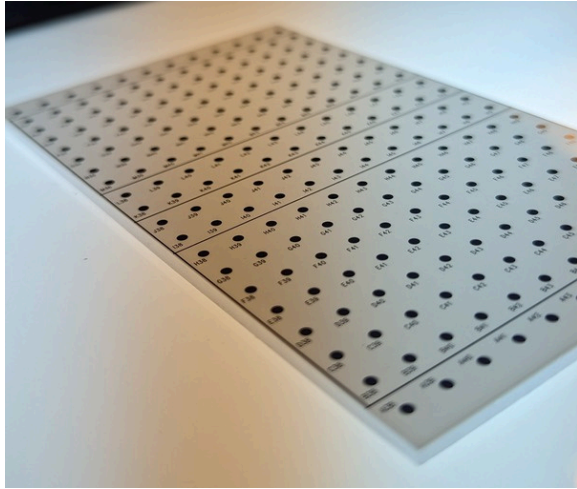


Fabricate custom multi-dimensional micro and nano structures with Himax IGI's exceptional engineering services.

- 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.



## 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