



METU-MEMS CENTER MASK MAKING REQUEST FORM

PERSONAL INFORMATION

Date	
Contact Person	
Phone	
E-mail	
Organization Name	

DESIGN INFORMATION

File Name	
Top Cell Name	
File Format	<input type="checkbox"/> GDSII <input type="checkbox"/> CIF <input type="checkbox"/> DXF <input type="checkbox"/> Other:
Mask Plate Size	<input type="checkbox"/> 5" × 5" × 0.090" SL <input type="checkbox"/> 7" × 7" × 0.120" SL <input type="checkbox"/> 6" × 6" × 0.250" QZ <input type="checkbox"/> Other:
Number of Masks	
Orientation of the data	Image seen on the computer screen
Design Scale	
Checksum	
Project Code	

LAYER INFORMATION

For each mask, input the following information:

- Specify the GDS or DXF layer number for this mask (only one layer per mask)
- Orientation: Right reading (image seen on the computer screen) or wrong reading when chrome side down
- Mask polarity: Drawn data clear (or transparent) equals darkfield
Drawn data chrome equals clearfield
- Mask label: Label to be put on the bottom of the mask (outside the digitized area) with wrong reading orientation if not specified.
- Smallest feature: Dimension (in microns) of the smallest entity (feature or space) on this layer

Masks will be processed in the order they are entered below.

1	GDS layer number	
	Mask orientation	<input type="checkbox"/> Right-reading <input type="checkbox"/> Wrong-reading (with chrome side down)
	Mask polarity	<input type="checkbox"/> Darkfield ≡ Drawn features clear glass <input type="checkbox"/> Clearfield ≡ Drawn features dark chrome
	Mask Label	
	Smallest feature or space	
	CD Tolerance ±	

2	GDS layer number	
	Mask orientation	<input type="checkbox"/> Right-reading <input type="checkbox"/> Wrong-reading (with chrome side down)
	Mask polarity	<input type="checkbox"/> Darkfield ≡ Drawn features clear glass <input type="checkbox"/> Clearfield ≡ Drawn features dark chrome
	Mask Label	
	Smallest feature or space	
	CD Tolerance ±	

3	GDS layer number	
	Mask orientation	<input type="checkbox"/> Right-reading <input type="checkbox"/> Wrong-reading (with chrome side down)
	Mask polarity	<input type="checkbox"/> Darkfield \equiv Drawn features clear glass <input type="checkbox"/> Clearfield \equiv Drawn features dark chrome
	Mask Label	
	Smallest feature or space	
	CD Tolerance \pm	

Please enter any other information here.

DESIGN RULES

- **Coordinates of the center of the design should be (0, 0).**
- All features (lines, spaces, rectangles, etc.) 1 μ m or larger.