

Where to get wafers:

Typical price is from: \$5 to \$15,

You do not need any special wafers. Doping concentration (sheet resistivity) or geometric orientation (111, 110, 101) can be anything. The only three (3) wafer requirements are 4 inch diameter single sided mirror polish wafer (backside can be rough polish), and cheapest/lowest price available. Coin-rolled wafers are the cheapest with cheap packaging.

The only time you are concerned with orientation is KOH etching with (110) orientation.

WaferNet, Inc.

Kathy Bohland kbohland@wafernet.com

Where to get the photo resist, typically Su-8 stuff.

MicroChem Corp.

P.O. Box 426

Newton MA 02464-0002

www.microchem.com

Phone (617) 965-5511

Fax (617) 831-2354

Where to get the PDMS stuff.

Krayden formerly KR Anderson

18330 Sutter Blvd.

Morgan Hill CA 95037

(800) 538-8712

FAX: (408) 778-2802

<http://krayden.com/contact/>

Krayden Inc

001, BFS ID: 0000833863:

1491 West 124th Avenue

Westminster, CO 80234

US

+1 (303) 280-2800

rsandoval@krayden.com

Where to get the Photomask stuff.

Fine Line Imaging

4722 Centennial Blvd

Colorado Springs, Co. 80919

<http://www.fine-line-imaging.com/>

Mylar Masks are good down to 8 microns line width. For lower resolution linewidth, use Chrome on glass.

Contact: Richard Sayer

Phone: 719-268-8319

Fax: 719-359-5497

plotting@fine-line-imaging.com

For further information and quotes dhughes@fine-line-imaging.com

For Hard masks/ Chrome on glass (7 micron lines or smaller)

Contact Front Range Photomask, Richard Cory

Website: <https://frontrange-photomask.com/>

How to get qualified for BNC Photo Litho:

- a. Complete and submit BNC access forms and get BNC Safety Orientation from BNC Managing Director (Paul Lum)
- b. Contact Naima Azgui for training and qualification.
- c. Arrange training and qualification times with Naima Azgui and sign protocol.

Autocad Template: see Photomask file

If you are unsure about what you have to do, contact Paul Lum first.

Email: p_lum@berkeley.edu