



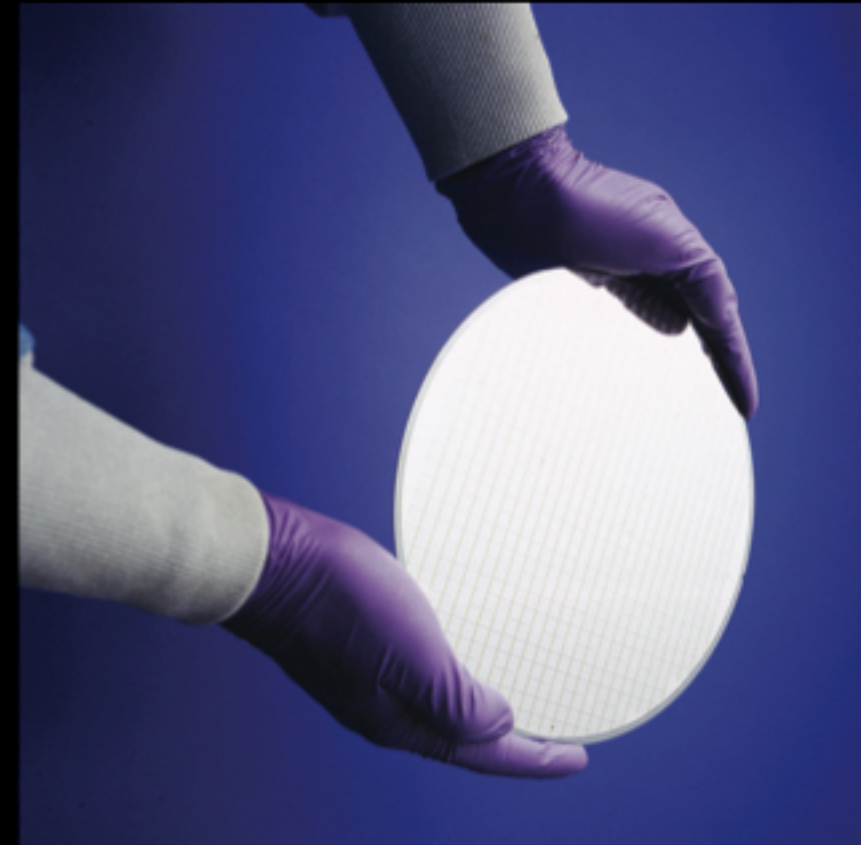
Tiny Devices Project Sharp, Colorful Images

Johnson Space Center

**Displaytech Inc.
Longmont, Colorado**

Originating Technology/NASA Contribution

- ◆ NASA uses telepresence, which uses virtual reality technology, to immerse an operator into the environment of a robot in another location
- ◆ In the 1990's, NASA began developing high-resolution visual displays for telepresence



Partnership

- ◆ Through a Small Business Innovation Research (SBIR) contract, Displaytech Inc. developed a miniature high-resolution display
- ◆ Displaytech also developed grayscale and color for the microdisplay panels

Product Outcome

- ◆ Sold over 20 million microdisplays to consumer electronics companies, including JVC America, the Eastman Kodak Company, Olympus Corporation, Hitachi Ltd., and the Hewlett-Packard Company
- ◆ Incorporated the displays in pico projectors (accessory projectors for hand-held devices)