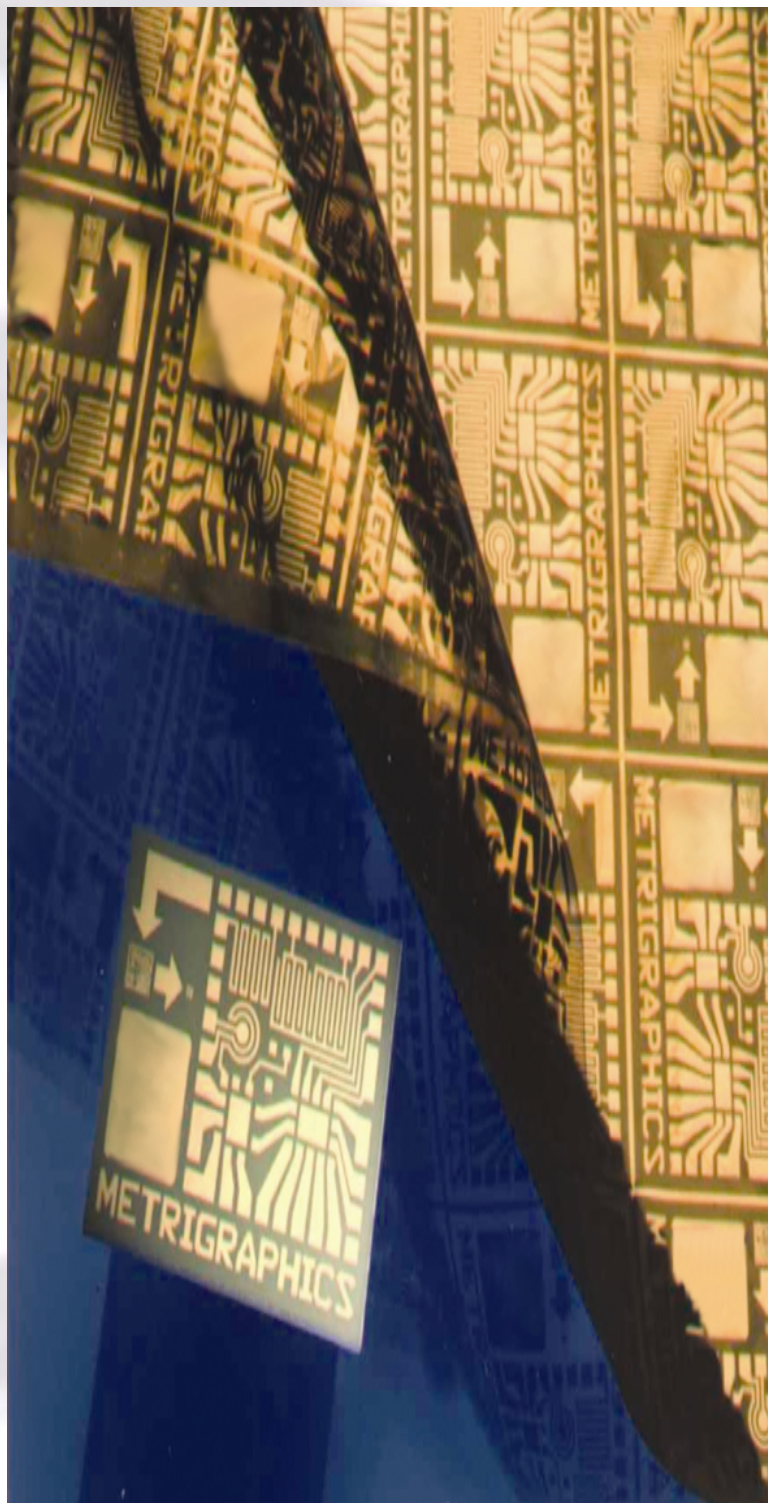


# 5 MICRON MULTILAYER CIRCUITRY



**You've designed a state-of-the art instrument.  
None of your circuits vendors can make the  
parts. Now What???**

Metrigratics specializes in manufacturing high precision custom components for medical, biomedical and electronics applications. Using high resolution photolithography, precision electroforming and thin film deposition, components for PZT actuators, sensors, microflex circuits and electrode array plates can be made. Conductor and space widths of 5um can be achieved on Glass, Ceramic, Piezoceramics, Polyimides and many others.

## Markets and Applications

### Medical / Biomedical

#### *Micro Sensors*

- Glucose (in-vitro and in-vivo)
- Immuno assay (in-vitro)
- Blood flow monitoring (in-vitro)

#### *Electrophysiology*

- Cardiac stimulation, monitoring (in-vitro)
- Intravascular catherization

### Electronics

#### *Test and Measurement*

- Known Good Die (KGD) testing
- Burn-in testing

#### *RF and Microwave Components*

- Antennas
- Delay Lines
- Inductors and coils

#### *Back Planes*

- Ball Grid Arrays (BGAs)
- Chip-On-Flex (COF)
- Multi-Chip Modules (MCMs)

# **M**Metri**GRAPHICS**®