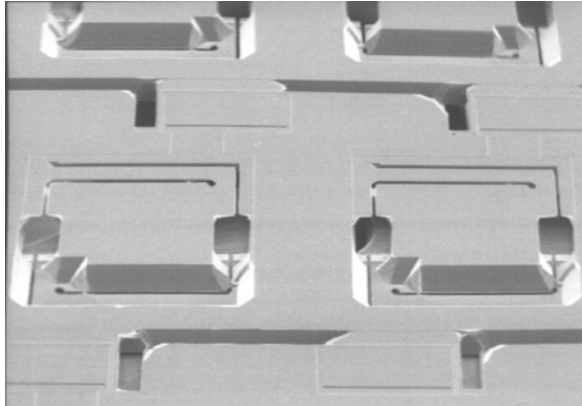


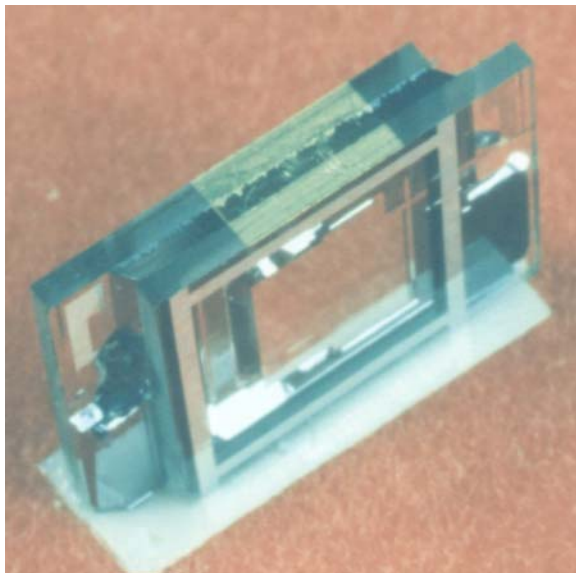
## inclination sensor



Spring mass system single crystalline Si

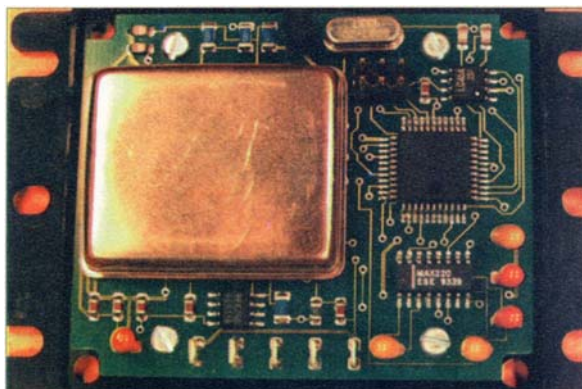
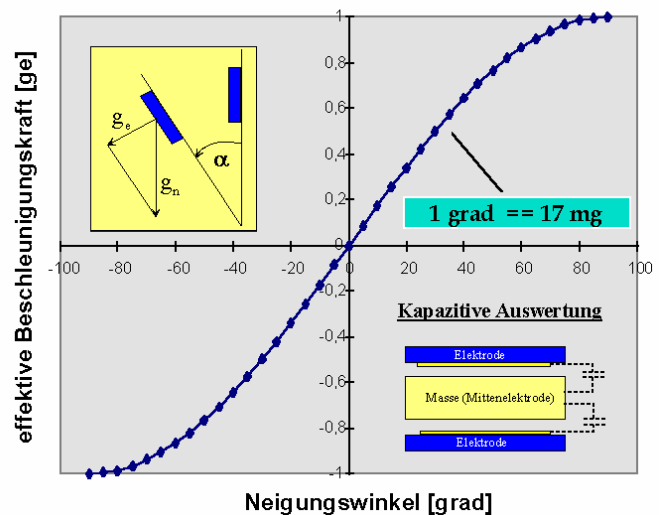
### Technical Parameters:

Ranges:  $\pm 3^\circ, \pm 45^\circ, \pm 60^\circ, \pm 90^\circ$   
 Resolution:  $0,1^\circ \dots 0,01^\circ$   
 Temp. range:  $-25 \dots 80^\circ\text{C}$



Complete Sensor chip, vertical mounted size  
 (10 x 7 x 1,5) mm<sup>3</sup>

Effektive Beschleunigung in Abhängigkeit vom Neigungswinkel



Inclination sensor system (hybrid)

### 1D and 2D measurements

### Applications:

- > Lifts and elevators
- > Working platforms
- > Vehicle special constructions
- > Medical devices

in co-operation with GEMAC GmbH