

Poly MUMPS surface micromachining technology

Overview

CMP distribute the PolyMUMPS surface micromachining technology from MEMSCAP, it is a MEMS only technology composed of 3 polysilicon and 1 metal layers on an insulating nitride layer.

Figure 1 shows arrangements of different layers.

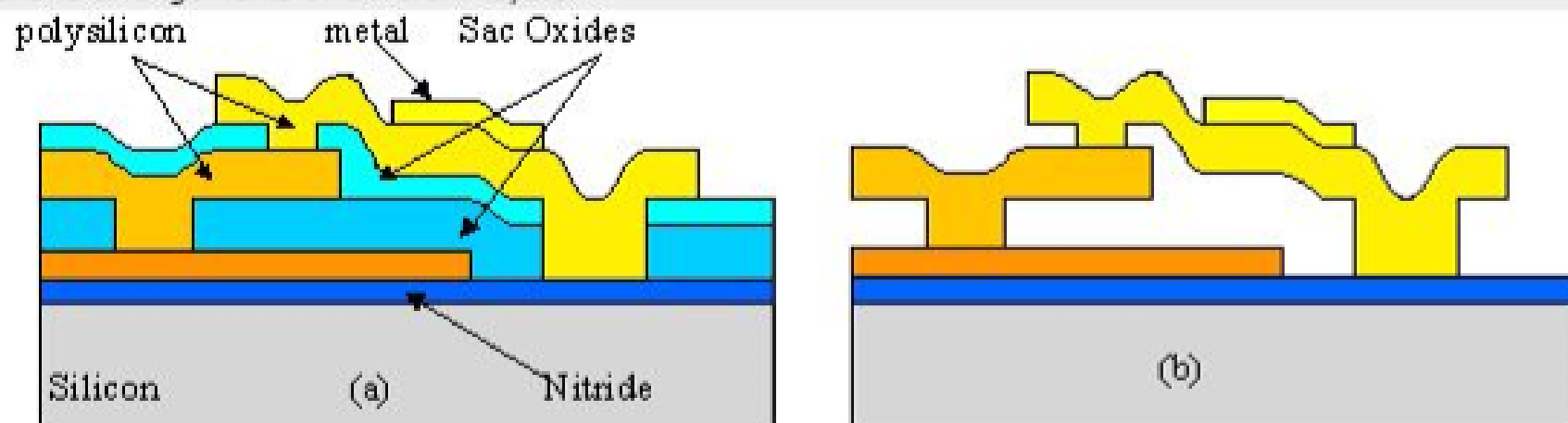


Figure 1: cross section view of the PolyMUMPS surface micromachining technology, before (a) and after (b) HF etching of sacrificial oxides.

Design

Design handbook, techno files and DRC files are available upon request.

Application

Examples of PolyMUMPS applications are available at [TIMA MNS web site](#) and on [MEMSCAP web site](#).