



The Acuris P of company Siemens Audiologische Technik GmbH possesses a multi-channel adaptive system of directional microphones consisting of up to three microphones. It is especially suited to reduce ambient noise in difficult situations by immediately reacting to sources of noise and automatically adjusting the microphone mode.

The miniaturization of this intelligent Siemens technology was achieved using MID, a so-called MIC module, which is produced with the laser direct structuring process of company LPKF Laser & Electronics AG:

Company Harting Mitronics AG acts as MID service provider and manufactures the MIC modules in series production for Siemens, applying laser systems from company LPKF Laser & Electronics AG.

A special material that is suited for the LPKF LDS process is used for this application, called Vectra® LCP (liquid crystal polymers) supplied by company Ticona.

