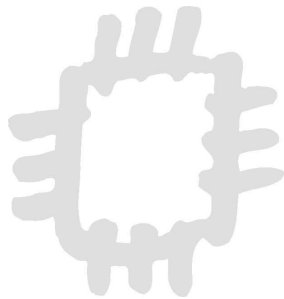


## COMPONENTS

D-Flow has designed our components specially adapted for the sing-around method. We have packaged our technology in an ASIC that contains just about everything you need to build a flow meter, as well as specially designed transducers. These components give you a cost-effective flow meter with excellent precision and high reliability.



## UFO-ASIC

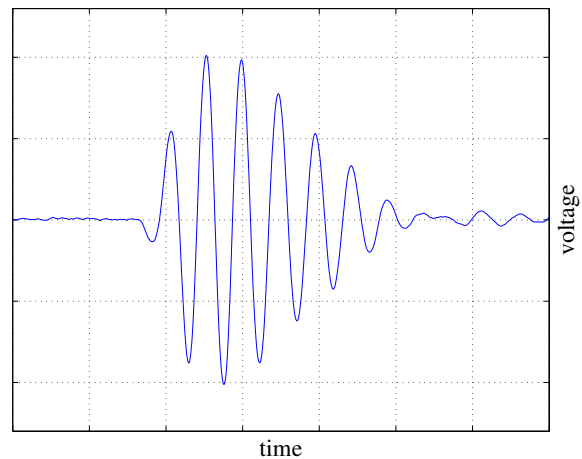
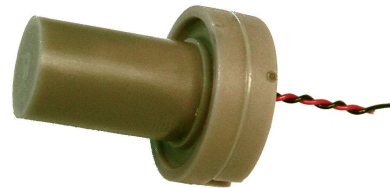
Our UFO ASIC is the very heart of the D-Flow concept. Together with a microprocessor and ultrasonic transducers it makes it possible to integrate all the vital components and bring together a variety of application-specific functions in a unique ultrasonic flow meter. Assembling all the necessary electronics on a single chip keeps costs to a minimum while providing a reliable flow measurement solution that guarantees a time resolution down to a few picoseconds. In addition, the ASIC is suitable for low powered applications where battery lifetime is an important criteria.



## LIQUID TRANSDUCERS

The D-Flow ultrasonic transducers for liquids are specially designed for ultrasonic flow measurement with the sing-around method. The Piezo-based transducers are made of PEEK. They are designed to have a high-frequency broad banded signal to give a large first flank to trig on.

The smart, cost-effective solution makes them suitable for high-volume applications. The PEEK material is approved for both medical and industrial applications and therefore suitable for a wide range of flow measurement applications.



The know-how for developing transducers gained from our flow measurement applications can be transferred to many other applications. Therefore, D-Flow can offer you development and manufacturing of transducers for your application. We can custom-design your transducers to fit the specific requirements of your application.

Examples of applications where D-Flow's customized transducers can be used:

- Flow Measurement
- Level Measurement
- Speed of Sound Measurement
- Concentration Measurement
- Distance Measurement

### **GAS TRANSDUCERS**

D-Flow can offer our customers a selection of ultrasonic gas transducers for use with our ASIC. D-Flow's suppliers of gas transducers have the ability to accommodate small and high volume applications world wide.

### **COMPANY INFO**

D-Flow is a knowledge-based company that specializes in ultrasound technology, mainly for flow measurement. Our knowledge is based on 20 years of research in ultrasonics and flow measurement technology. For further information, please visit [www.d-flow.com](http://www.d-flow.com).

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