Designing sensor systems can be quite challenging and time consuming, and producing them in volume is often expensive due to long test cycles on costly production test equipment. IDT is pleased to add a range of new sensors and sensor signal conditioning products to its portfolio following the recent acquisition of ZMDI. SSC ICs facilitate both design and production of sensor interfaces by providing programmable, highly accurate, wide gain and quantization functions combined with powerful, high-order digital correction and linearization algorithms.
IDT Sensor Signal Conditioner ICs are all-in-one, energy-efficient products that are easy to use and are supported by advanced software and expert technical support staff with extensive sensor system design experience. A distinct advantage of our correction algorithms is that they are calibrated and programmed in an efficient “single-pass” operation that lowers costs by reducing test time and loading of production test equipment without sacrificing precision. Sensor Signal Conditioner ICs also lower total system costs by simplifying sensor design with our excellent support tools, reducing external components, minimizing board space, and providing a faster migration to production.

Sensor Signal Conditioning ICs from IDT enable you to get it right – on the first pass!

Did you know that sensors and sensor signal conditioner ICs...

• Provide a wide range of applications including the mobile, automotive and industrial sectors
• Have a proven track record and long history of serving the automotive market
• Mobile sensing products have been and are being integrated into new smart phone and tablet design

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