

# IoT smart sensors



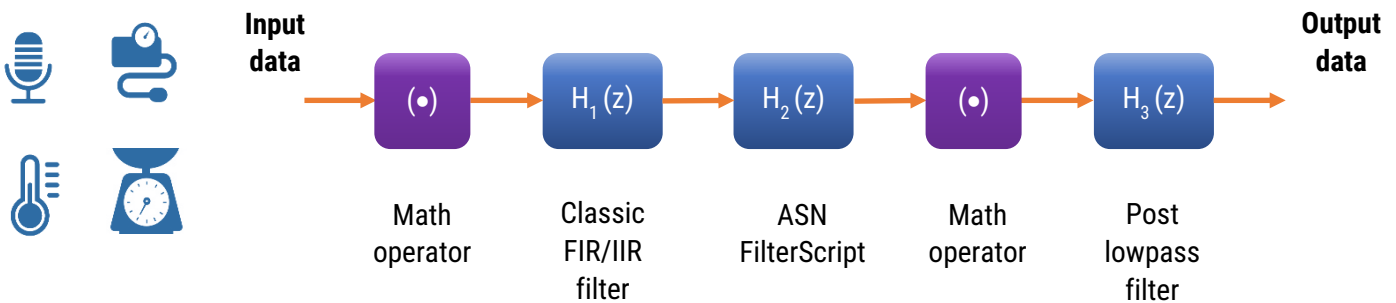
## HIGHLIGHTS

- ▶ Powerful DSP experimentation platform
- ▶ Real-time filter designer & signal analyser
- ▶ Live math scripting IDE
- ▶ Fixed (8-32bit) and floating point filters
- ▶ Cut development time by up to 75%
- ▶ Export design to Matlab, C and more

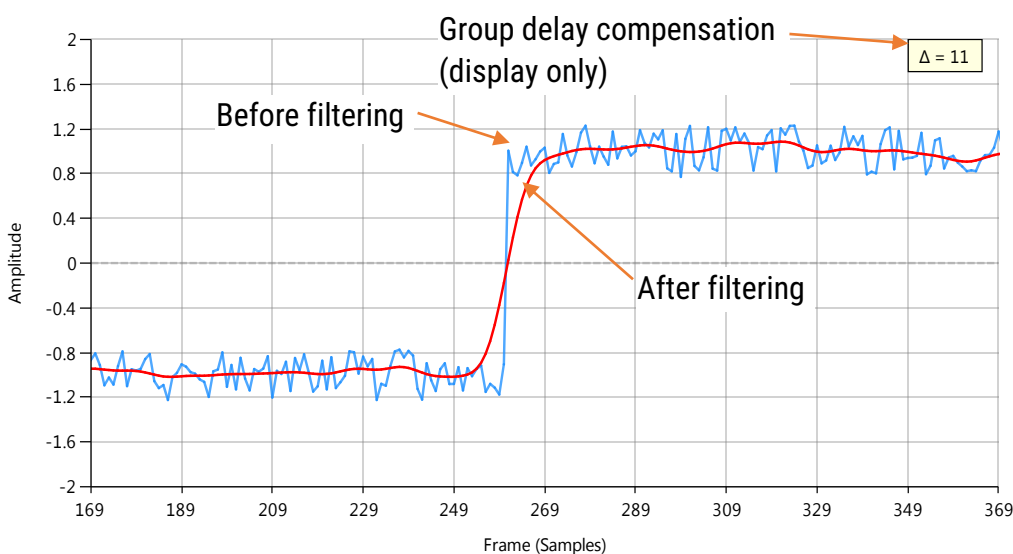
## DESCRIPTION

Easily experiment and implement filters for a variety of IoT smart sensor applications, including: loadcells, strain gauges, torque, pressure, flow, temperature, microphones, geophones, vibration, infra-red gas and ultrasonic sensors and assess their dynamic performance in real-time for a variety of input conditions. Perform detailed time/frequency analysis on captured test datasets and fine-tune your design. Our ANSI C royalty free deployment software framework speeds up deployment to a DSP, FPGA or micro-controller.

## TOOL IP BLOCKS

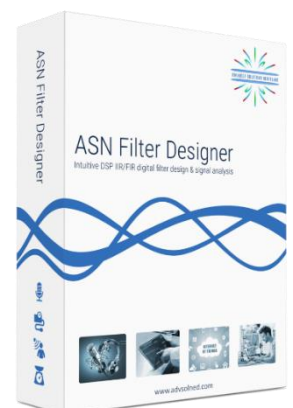


## TYPICAL FILTERING RESULT



## APPLICATIONS

- ▶ IoT smart sensors
- ▶ Low power wireless nodes



Download a free demo: [www.advsoled.com/asn\\_filter\\_designer.html](http://www.advsoled.com/asn_filter_designer.html)