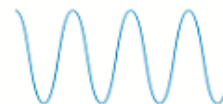
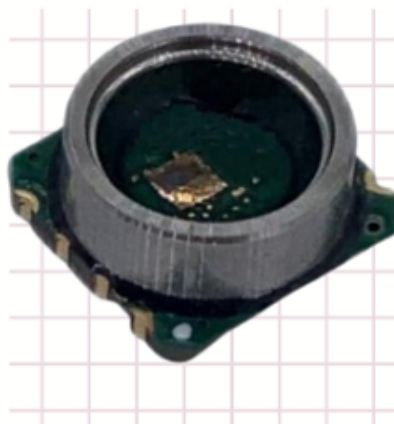


# MEMS Pressure Sensors



PUI Audio is proud to release a line of innovative MEMS Pressure Sensors built with Wheatstone Resistor Bridge architecture to deliver good linearity, high sensitivity, and high stability in smaller, surface-mount packages that cover the pressure range from 30 to 120 kPa- while featuring industry-best unit-to-unit consistency through rigorous testing and calibration process.

## Digital MEMS PSD0401120

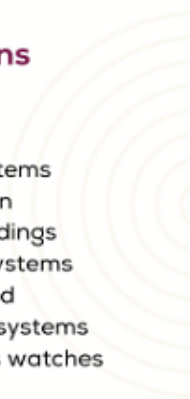


### Key Features

- Pressure range: 30kPa to 120kPa
- Temperature resolution: 0.1°k/LSB
- 24-bit  $\Delta\Sigma$ ADC • I<sup>2</sup>C serial interface
- 3.3VDC nominal power supply voltage
- 3.55mm x 3.55mm x 1.40mm
- Surface-mount 10-pin LGA package
- Waterproof and Anti-corrosion Design
- Operating Temperature: -20°C ≤ TO ≤ 85°C

### Key Applications

- Barometers
- Mobile altimeters
- Indoor navigation systems
- Security glass break-in
- Floor detection in buildings
- Outdoor navigation systems
- Industrial pressure and temperature sensing systems
- Adventure and sports watches
- Weather stations



<https://puiaudio.com/products/category/microphones>

