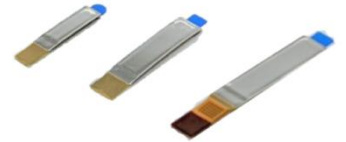


~Picoleaf™~ Flexible Sensor with Piezo Film

Flexible, Ultra-thin, High Sensitive Sensor

Benefits

- High sensitivity : Detects μm -level distortion
- Low energy consumption : Power Consumption < 10 μA
- HMI design freedom flexibility
- Unaffected by temperature : Non-Pyroelectricity
- Flexible material : Thickness < 300 μm



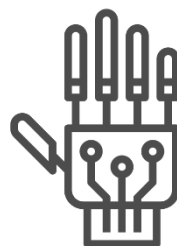
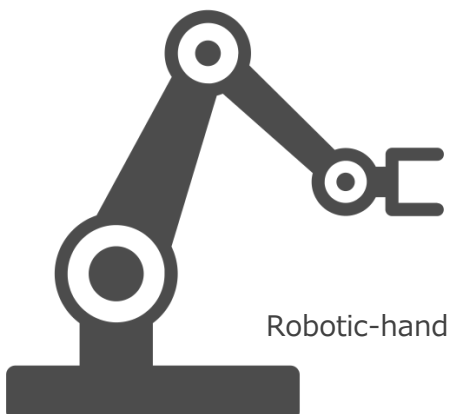
Sensor Samples

Key Functions

- Bending and Twisting detection
- Estimation of mechanical information (Integral processing)
- Vital Sign Detection (Heart Rate, Respiratory Rate, Tremor)

Applications

- Tactile Sensors for Robotic Hand
- Wearable Devices etc



Artificial-hand



Wearable Device



Earbuds