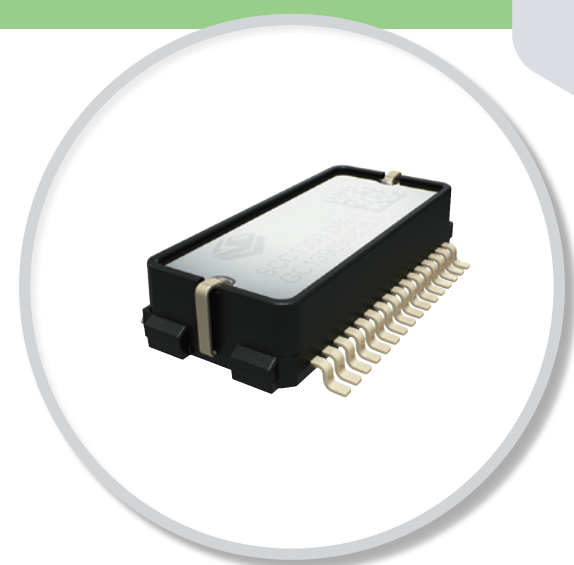


Gyroscopes

Combined Sensors and Gyroscopes for Automotive Safety Critical Applications

“COMBO” are adopted as ESC application in “World Wide Market”

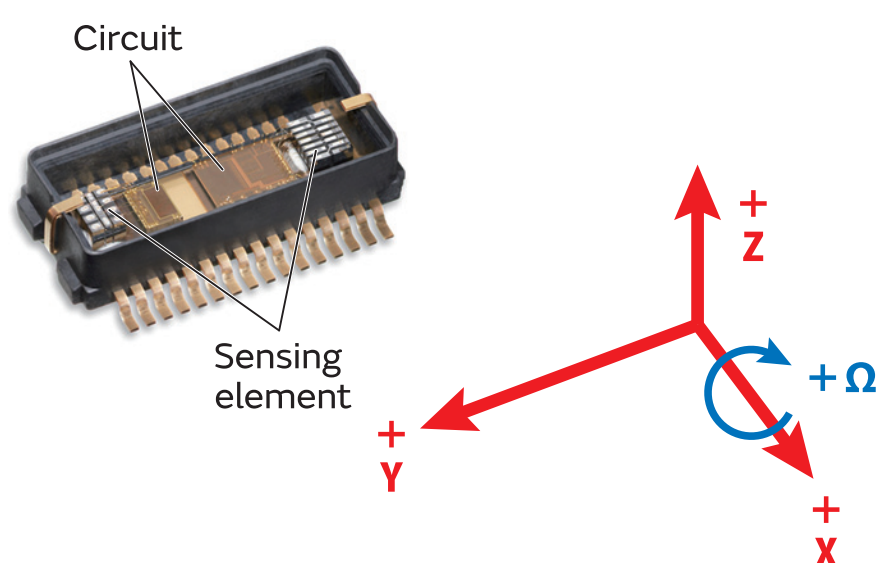


Applications

- Electronic Stability Control
- Anti Roll Control
- Roll Over Sensor
- Navigation System
- Guidance System
- Inertial Measurement Units (IMU)
- Platform Stabilization and Control
- Motion Analysis and Control
- Robotic Control System

Structure and Principle

Single axis gyro and three axis accelerometer sensing element are combined in one package



Specifications and Features

Part Number (e.g.) SCC1300-D04

Size 8.5 x 18.7 x 4.5mm

Electrical Characteristics

- Digital SPI interface
- 4.75-5.25V Supply Voltage (Analog)
- 3.0-3.6V Supply Voltage (Digital)

Features

- High Stability
- High S/N Quality
- Direct Mechanical LPF of MEMS Element Structure
- Self Failure Detection Function

- Realized ideal linearity

