



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



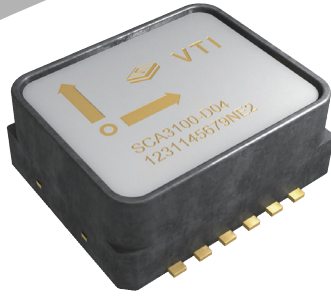
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# Accelerometers

for safety-critical automotive and high-performance industrial applications

## Features

- Common package for single, dual, and tri axis accelerometers
- Dual Flat Lead (DFL) plastic package for SMD mounting.
- Excellent bias stability over temperature
- Excellent noise performance
- Exceptionally insensitive to shocks and vibrations
- Automotive qualified according to AEC-Q100 standard
- Advanced self-diagnostics features
- Internal temperature sensor

## Applications

- Electronic Stability Control (ESC/ESP) Antilock Braking (ABS)
- Roll Over Sensor (RoV)
- Electric Parking Brake (EPB)
- Electronically Controlled Suspension (ECS)
- Hill Start Assistance (HSA)
- Anti Roll Control (ARC)
- Anti-Vibration Control
- Industrial Navigation

## Product Line-Up

	Product	Axis	Range	3dB point	Total Offset	Offset T-dep
Single Axis	SCA810-D01	X	2g	30 – 80 Hz	100mg	70mg
	SCA820-D03	Z	2g	30 – 80 Hz	100mg	70mg
	SCA820-D04	Z	2g	30 – 80 Hz	70mg	30mg
	SCA830-D05	Y	2g	30 – 80 Hz	100mg	70mg
	SCA830-D06	Y	2g	30 – 80 Hz	70mg	30mg
	SCA830-D07	Y	1g	6.25 Hz	70mg	30mg
Dual Axis	SCA2100-D01	XY	2g	30 – 55 Hz	70mg	50mg
	SCA2100-D02	XY	2g	30 – 55 Hz	70mg	30mg
	SCA2110-D03	XZ	2g	30 – 55 Hz	70mg	50mg
	SCA2120-D07	YZ	2g	30 – 55 Hz	70mg	50mg
Tri-axis	SCA3100-D04	XYZ	2g	30 – 55 Hz	70mg	30mg
	SCA3100-D07	XYZ	6g	30 – 55 Hz	100mg	70mg
	SCA3060-D01	XYZ	2g	30 – 55 Hz	200mg	Motion sense wakeup output