



Size: 7.60 x 3.30 x 8.60 mm

muRata

INNOVATOR IN ELECTRONICS

Model: SCA3100-D04

Description:

3-axis high performance accelerometer with digital PSI interface

MEMS type:	3-axis linear accelerometer
Dedicated software:	No
Computer interface:	SPI interface
Compatibility with mechanical testing:	Yes
Compatibility w/ environmental testing:	Not fully (FR4 eval. board)
Maturity: High	Acceleration range: $\pm 2g$
Package: Polymer	Temperature range: -40°C to 125°C

Miscellaneous:

- Proven capacitive 3D-MEMS technology
- $\pm 30mg$ offset stability over temperature range
- Extensive self-diagnostics features
- Qualified according to AEC-Q100 standard
- Package, pin-out and SPI protocol compatible with VTI digital accelerometer product family
- RoHS compliant Dual Flat Lead (DFL) plastic package for lead-free soldering process and SMD mounting