

Solid State Pressure Sensor

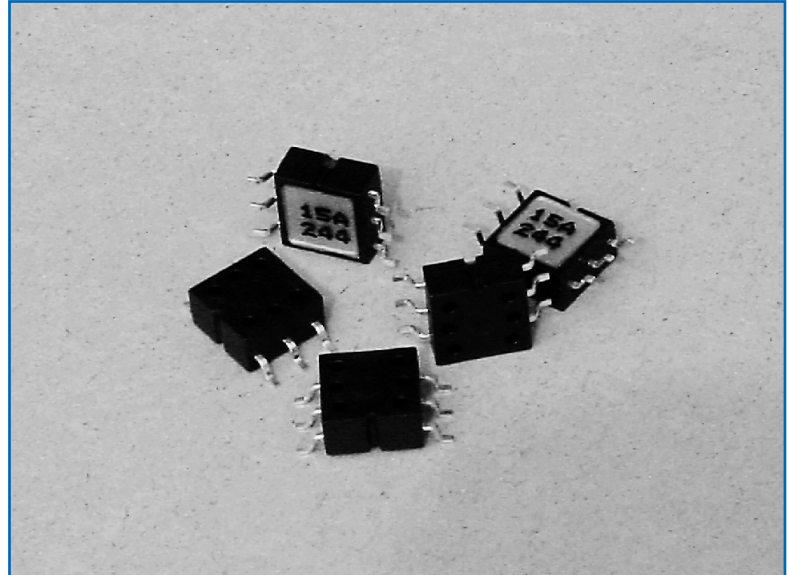
SMP SERIES

FEATURES

- Low Cost
- SMD Package
- Absolute Pressure
- Constant Voltage or Constant Current Drive

APPLICATIONS

- Weather Station
- Barometric Measurement
- Altimeter
- Vacuum Measurement
- Portable Gages



DESCRIPTION

The SMP Series are uncompensated high-performance die in plastic surface mount package configuration. They are absolute pressure sensor fabricated by bonding a micromachined silicon diaphragm to Pyrex glass in a vacuum. The sensor provides a low-cost way for high volume OEM manufacturer to use pressure sensors at costs close to bare die price, without the need to handle, attach or wire bond silicon die. In order to provide maximum flexibility, it is available for several custom features including pressure range, pin-out, cap configuration and a choice of sensor die.