

Switches

Mfr: Standex-Meder Electronics
Magnetic Reed Switch (200 VDC, 10W, AXL)
Part number: ORD324-1015
Digikey: 374-1092-ND

Mfr: E-Switch
SW MIN SPST NO 5A PCB PIN 125V (Limit switch (leaf))
Part number: MS0850506F020P1C
Digikey: MS0850506F020P1C-ND

Tilt Sensors

Mfr: Mountain switch
Rolling-Ball Tilt Switch
Part Number: 107-2002-EV

Mfr: C & K
Tilt Sensor
Part Number: 611-RB-220-07AR

Vibration Sensors

Mfr: Measurement Specialities Inc
MiniSense 100 Vibration Sensor
Part Number: 824-1005939-1

Hall Effect Sensors

Mfr: Diodes Inc
Magnetic Hall effect SENSOR
Part number: AH1893-FA-7
Digikey: AH1893-FA-7DICT-ND

Remote Temperature Sensors

Mfr: TI
Infrared Thermopile Sensor
Part Number: TMP006BIYZFT

Temperature Sensors

Mfr: NXP
Part Number: LM75BDP,118
Digikey: 568-4768-1-ND

Mfr: TI
Part Number: TMP103AYFFR

Mfr: TI
Part Number: TMP104YFFT

Mfr: ST
Part Number: STTS751
Digikey: 497-10662-1-ND

Mfr: ST
Part Number: LM335DT

Mfr: MAXIM
Econo 1-Wire Digital Thermometer
Part Number: DS1822+PAR

Mfr: MAXIM
Digital Thermometers and Thermostat
Part Number: MAX31722MUA+

Mfr: MAXIM
Low-Voltage Digital Temperature Sensor
Part Number: DS75LVU+

Mfr: ATMEL
Part Number: AT30TS75-SS8-B

Mfr: Analog devices
Part Number: ADT7410TRZ

Ambient Light Sensors

Mfr: AMS-TAOS
Ambient light sensor
Part Number: TSL4531
Digikey: TSL45315-CLCT-ND

Mfr: Vishay
Ambient light sensor 1206 SMD
Part number: TEMT6000X01

Mfr: AMS-TAOS
IC Light to frequency converter (3 pin)
Part number: TSL235R-LF

Ambient Light and Proximity Sensors

Mfr: Osram Optoelectronics
Ambient light and proximity sensor
Part Number: SFH 7773

Mfr: MAXIM
Digital Ambient Light Sensor and Proximity
Part Number: MAX44000GDT+

Motion Sensors

Mfr: Panasonic
PIR motion sensor (Digital Passive Infrared)
Part Number: EKMC1601112

Pressure Sensors

Mfr: Freescale
Ported pressure gauge for liquid level measurement
Part Number: MPXV5010GC6T1

Mfr: Freescale
Ported pressure gauge for liquid level measurement
Part Number: MP3V5050GP

Sound Sensors

Mfr: ST
MEMS audio sensor omni directional digital microphone
Part Number: MP34DB01TR

Proximity Sensors

Mfr: TI
5V, High Resolution, Inductance to Digital Converter
Part Number: LDC1000

Humidity Sensors

Mfr: Honeywell Sensing and Control
Capacitive humidity sensor
Part Number: HCH-1000
Digikey: 480-2904-ND

Mfr: GE Sensing
ChipCap2 Humidity / Temperature Sensors
Part number: CC2D33S
Digikey: 235-1341-ND

Barometers

Mfr: Freescale
Barometer
Part Number: MPL115A1
Digikey: MPL115A1T1CT-ND

Mfr: ST
MEMS pressure sensor, 260-1260 mbar absolute digital output barometer
Part Number: LPS331AP

Accelerometers

Mfr: ST
ACCELEROMETER 3D MAGNO
Part Number: LSM303DTR

Mfr: ST
ACCELEROMETER 3-AXIS 28-QFN
Part Number: AIS326DQTR

Mfr: ST
ACCELEROMETER 3 AXIS
Part Number: H3LIS331DLTR

Ultrasonic Range Finders

Mfr: Maxbotix
Part number: MB1010 (LV-MaxSonar-EZ1)

Gas Sensors

Mfr: Parallax/ Hanwei
CH4 gas sensor
Part Number: MQ-2

Mfr: Parallax/ Hanwei
LPG sensor
Part Number: MQ-5

Mfr: Parallax/ Hanwei
Carbon monoxide sensor
Part Number: MQ-7

Smoke Detectors

Mfr: Microchip
Smoke Detectors 3V E-Cal Photo S.D. IC
Part Number: RE46C190S16F

Time

Mfr: ST
Serial real-time clock (RTC) with integral backup battery and crystal
Part Number: M41T00CAPPC1