



Temperature Sensors



LM35DZ
Temperature Sensor IC Celsius



LM34DZ
Temperature Sensor IC Fahrenheit



DS18B20+
Digital temperature sensor with $\pm 0.5^{\circ}\text{C}$ accuracy.
Data is transmitted over a 1-Wire serial bus with 9 or 12 bits (user programmable) of resolution.



DLP-TH1
USB Temperature/Humidity Sensor.



DLP-UTH8
Active hub used for connecting multiple temperature and humidity sensors to one PC featuring 4th generation USB silicon from FTDI.



DLP-UT1
USB Temperature Sensor.

Force Sensors



The **FlexiForce A201** force sensor is an ultra-thin, flexible printed circuit. The force sensors are constructed of two layers of substrate (polyester/polyimide) film. On each layer, a conductive material (silver) is applied, followed by a layer of pressure-sensitive ink. Adhesive is then used to laminate the two layers of substrate together to form the force sensor. The active sensing area is defined by the silver circle on top of the pressure-sensitive ink. Silver extends from the sensing area to the connectors at the other end of the sensor, forming the conductive leads. A201 sensors are terminated with male square pins, allowing them to be easily incorporated into a circuit. The two outer pins of the connector are active and the center pin is inactive.

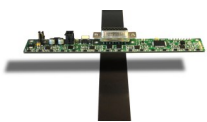
Model	Force Range
FlexiForce A201-1	0-1 lb.
FlexiForce A201-25	0-25 lb.
FlexiForce A201-100	0-100 lb.

Humidity Sensors



DLP-TH1
USB Temperature/Humidity Sensor.

Magnetic Sensors



MGS1600: 160 mm wide magnetic track sensor with serial, analog, PWM and CAN output.

Precision magnetic sensor for detecting and measuring the position of a magnetic track along the horizontal axis, for use in Automatic Guided Vehicles and other Automation applications.