FLAME click
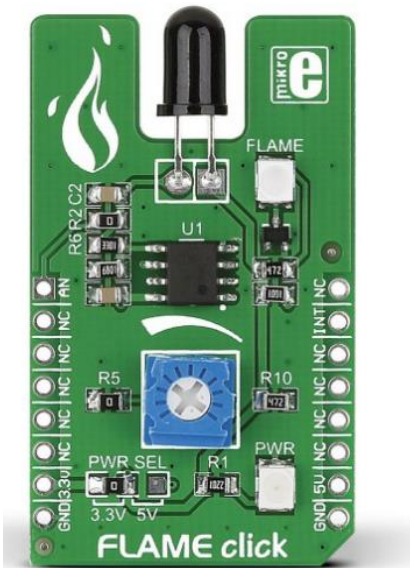

PID: MIKROE-1820

RS Product Code: 136-0709

Flame click is a fire detection solution. It carries a PT334-6B silicon phototransistor that's covered in black epoxy and therefore sensitive only to infrared light. To use it as a fire alarm, set up the exact detection threshold through the on board potentiometer (once reached, the click will send an interrupt to the target board MCU through the mikroBUS INT pin). Otherwise the sensor can also output a continuous analogue signal through the mikroBUS AN pin. Flame click can use both a 3.3V or a 5V power supply.

Specification

Product Type	Optical
Applications	Properly calibrated, Flame click can be used for designing devices for a variety of security applications. Fire detectors based on phototransistors have a faster reaction time compared to smoke or heat detectors
On-board modules	PT334-6B
Key Features	On board potentiometer. Phototransistor covered in black epoxy. Uses AN and INT mikroBUS lines
Key Benefits	Fast reaction time
Interface	Analog
Power Supply	3.3V or 5V
Compatibility	mikroBUS
Click board size	M (42.9 x 25.4 mm)
Weight	31g

Downloads

[Flame Click - Examples](#)

[Flame Click - User Manual](#)