

## ADC2 click



PID: MIKROE-1893

RS Product Code: [136-0732](#)

ADC 2 click carries MCP3551/3, which is a 22-bit ADC with automatic internal offset and gain calibration. This high precision analogue-to-digital converter has total unadjusted error of less than 10 ppm, and low-output noise of 2.5  $\mu\text{V}$  RMS. The board carries two pairs of screw terminals: VIN- for bringing in reference voltage, VIN+ for the positive voltage. VCC out and GND are output voltages. The click communicates with the target board through mikroBUS CS, CSK and MISO lines. Can use either a 3.3V or 5V power supply.

## Specification

Product Type	ADC
Applications	For applications where high accuracy is needed (measurements from analog pressure, temperature and humidity sensors)
On-board modules	MCP3551/3
Key Features	Input and output Screw terminals, 22-bit ADC, Voltage reference jumper (4.096V or VCC)
Key Benefits	High accuracy, Low noise
Interface	SPI
Power Supply	3.3V or 5V
Compatibility	mikroBUS
Click board size	S (28.6 x 25.4 mm)
Weight	31g

## Downloads

[ADC 2 Click Examples](#)

[ADC 2 Click User Manual](#)