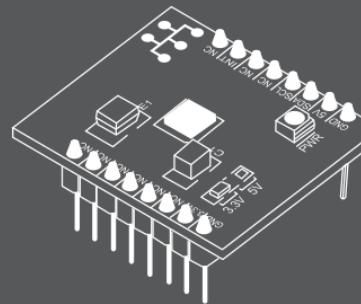
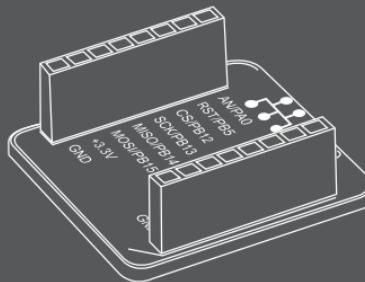


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3G Click [USA]

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

UG95 3G UMTS/HSPA module. With SIM card slot, Audio/Mic jack, micro USB port.

MSRP - \$89⁰⁰
MIKROE-2296



3G Click [EU/AUS]

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

UG95 3G UMTS/HSPA module. With SIM card slot, Audio/Mic jack, micro USB port.

MSRP - \$89⁰⁰
MIKROE-2226



3G SARA Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With UMTS/HSPA cellular modem – the u-blox U201, from the SARA series.

MSRP - \$99⁰⁰
MIKROE-2244



4G LTE-E Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It features the LARA-R211 multi-mode cellular module from u-blox.

MSRP - \$115⁰⁰
MIKROE-2527



4G LTE-NA Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It features the LARA-R211 multi-mode cellular module from u-blox.

MSRP - \$115⁰⁰
MIKROE-2535



6LoWPAN C Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

TI's CC2520, 2.4GHz ZigBee®/IEEE 802.15.4 RF transceiver.

MSRP - \$26⁰⁰
MIKROE-2219



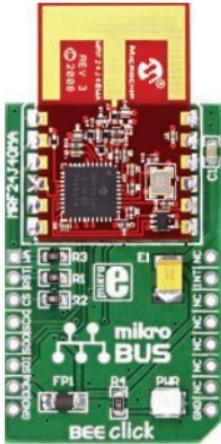
6LoWPAN T Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

TI's CC2520, 2.4GHz ZigBee®/IEEE 802.15.4 RF transceiver.

MSRP - \$26⁰⁰
MIKROE-2218



BEE Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Microchip's MRF24J-40MA 2.4 GHz IEEE 802.15.4 radio transceiver module.

MSRP - \$29⁰⁰
MIKROE-987



BLE 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With RN4020 Bluetooth 4.1 module. Can be set up both as a client or a server.

MSRP - \$30⁰⁰
MIKROE-1715



BLE 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It features NI-NA-B1 Bluetooth 4.2 module from u-blox.

MSRP - \$39⁰⁰
MIKROE-2471



BLE P Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With nRF8001 Bluetooth 4.0 peripheral device. Open source Android app available.

MSRP - \$25⁰⁰
MIKROE-1597



Bluetooth Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It features the RN-41 low power, class 1 Bluetooth radio module.

MSRP - \$39⁰⁰
MIKROE-958



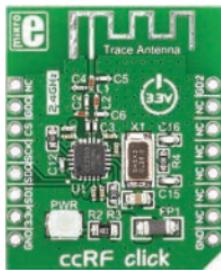
BT Audio Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With RN52 Bluetooth audio module and on-board 3.5mm jacks for a mic and a speaker.

MSRP - \$49⁰⁰
MIKROE-2399



ccRF Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With CC2500 low-power 2.4 GHz RF transceiver and PCB trace antenna.

MSRP - \$22⁰⁰
MIKROE-1435



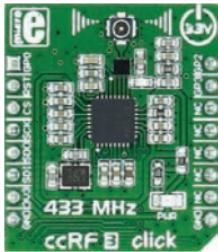
ccRF 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With CC1120, high performance radio transceiver for ISRM and SRD bands.

MSRP - \$36⁰⁰
MIKROE-1716



ccRF 3 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries the CC1120 high-performance RF transceiver for narrow-band systems from TI.

MSRP – \$36⁰⁰
MIKROE-2389



EnOcean Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With TCM 310 transceiver - bidirectional gateway for EnOcean's 868 MHz radio systems.

MSRP – \$39⁰⁰
MIKROE-1908



EnOcean 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With TCM 515Z transceiver, based on the 2.4 GHz IEEE 802.15.4 radio standard.

MSRP – \$39⁰⁰
MIKROE-2521



GNSS Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Quectel's L86 GNSS module with a patch antenna and an external antenna connector.

MSRP – \$46⁰⁰
MIKROE-1850



GNSS 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Quectel's L76 module and SMA antenna connector. GPS + GLONASS.

MSRP – \$39⁰⁰
MIKROE-1887



GNSS 3 Click

5V | **3.3V** | SPI | I2C

UART | GPIO | PWM | AN

Carries SIM33ELAGNSS module with an integrated antenna and an external antenna connector.

MSRP – \$39⁰⁰
MIKROE-1895



GNSS 4 Click

5V | **3.3V** | SPI | I2C

UART | GPIO | PWM | AN

It features SAM-M8Q patch antenna module from u-blox.

MSRP – \$44⁰⁰
MIKROE-2045



GNSS 5 Click

5V | **3.3V** | SPI | I2C

UART | GPIO | PWM | AN

It features NEO-M8N GNSS receiver module from u-blox.

MSRP – \$41⁰⁰
MIKROE-2670



GPS Click

5V | **3.3V** | SPI | I2C

UART | GPIO | PWM | AN

It carries LEA-6S high-performance position engine from u-blox.

MSRP – \$49⁰⁰
MIKROE-1032



GPS 3 Click

5V | **3.3V** | SPI | I2C

UART | GPIO | PWM | AN

With Quacel's L80, high-sensitivity GPS module with a patch antenna.

MSRP – \$44⁰⁰
MIKROE-1714



GSM-GPS Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SIM808, GSM/GPRS and GPS module. Two antenna connectors, SIM card slot, a micro USB connector.

MSRP – \$85⁰⁰
MIKROE-2382



GSM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With quad-band GL865-QUAD GSM/ GPRS module, onboard antenna connector and SIM card socket.

MSRP – \$49⁰⁰
MIKROE-1298



GSM 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Quectel's M95 FA quad-band GSM/GPRS module. 85.6 kbps GPRS data transfer.

MSRP – \$44⁰⁰
MIKROE-1375



GSM 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SIM800H quad-band GSM/GPRS module. 85.6 kbps GPRS data transfer.

MSRP – \$57⁰⁰
MIKROE-1720



GSM/GNSS Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Quectel's MC60 quad-band GSM/GPRS/GNSS module. GPS/GNASS location tracking with GSM.

MSRP – \$79⁰⁰
MIKROE-2439



GSM/GNSS 2 Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With SIM868 quad-band GSM/GPRS module. GPS/GNSS location tracking with GSM.

MSRP - \$69⁰⁰
MIKROE-2440



iQRF Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With DCTR-76DA RF transceiver, operating in the 868/916 MHz frequency.

MSRP - \$43⁰⁰
MIKROE-2586



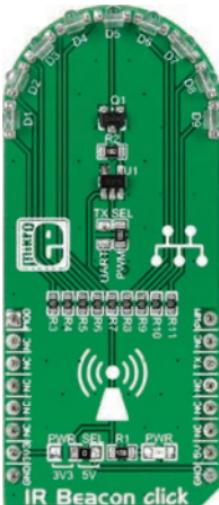
iQRF 2 Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With DCTR-72DAT RF transceiver, operating in the 868/916 MHz frequency.

MSRP - \$49⁰⁰
MIKROE-2587



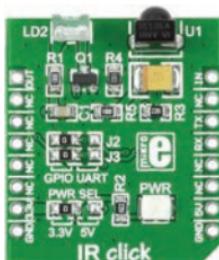
IR Beacon Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

Functions as a beacon device with nine VSMB-2948SL high speed infrared emitting diodes.

MSRP - \$21⁰⁰
MIKROE-1939



IR Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

Features TSOP38338 IR 38 kHz receiver module as well as QEE113 IR emitting diode.

MSRP - \$9⁵⁰
MIKROE-1377



IrDA2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TFDU4101 infrared transceiver module and MCP2120 infrared encoder/decoder.

MSRP - \$25⁰⁰
MIKROE-1195



LoRa RF Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With RN2483 LoRa Sub-GHz, 433/868 MHz European R&TTE Directive Assessed Radio Modem.

MSRP - \$54⁰⁰
MIKROE-1997



LoRa RF 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With RN2903 915 MHz Radio Modem compliant with regulations for use in the USA, CA, AU, NZ.

MSRP - \$54⁰⁰
MIKROE-2225



LoRa 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A LoRa technology-based SRD transceiver, operates at a sub-gigahertz frequency of 868MHz.

MSRP - \$52⁰⁰
MIKROE-2933



LoRa 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A LoRa RF technology based SRD transceiver, operates at a sub-gigahertz frequency of 868MHz.

MSRP - \$52⁰⁰
MIKROE-2934

**NFC Tag Click**5V **3.3V** SPI I2CUART **GPIO** PWM AN

With M24SR64 NFC/RFID tag IC with a dual interface and 8KB of high-reliability EEPROM built-in.

MSRP - \$12⁰⁰
MIKROE-1726**NFC Tag 2 Click**5V **3.3V** SPI I2CUART **GPIO** PWM AN

Carries NT3H1101 NTAG I2C energy harvesting NFC Forum Type 2 Tag from NXP.

MSRP - \$12⁰⁰
MIKROE-2462**nRF C Click**5V **3.3V** SPI I2CUART **GPIO** PWM AN

With nRF24L01P 2.4 GHz transceiver. Air data rates of 250 Kbps, 1 Mbps and 2 Mbps.

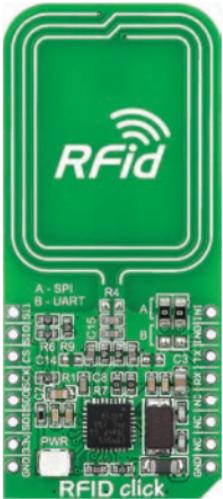
MSRP - \$19⁰⁰
MIKROE-1304**nRF S Click**5V **3.3V** SPI I2CUART **GPIO** PWM AN

With nRF24L01P 2.4 GHz transceiver. Air data rates of 250 Kbps, 1 Mbps and 2 Mbps air data rates.

MSRP - \$19⁰⁰
MIKROE-1836**nRF T Click**5V **3.3V** SPI I2CUART **GPIO** PWM AN

With nRF24L01P 2.4 GHz transceiver module. Air data rates of 250 Kbps, 1 Mbps and 2 Mbps air data rates.

MSRP - \$16⁰⁰
MIKROE-1305



RFid Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With CR95HF 13.56 MHz contactless RFid transceiver, and trace antenna.

MSRP – \$29⁰⁰
MIKROE-1434



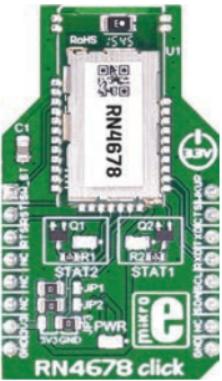
NFC Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With near field communications controller PN7120 IC from NXP.

MSRP – \$34⁰⁰
MIKROE-2395



RN4678 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries RN4678 Bluetooth® 4.2 dual mode module from Microchip.

MSRP – \$29⁰⁰
MIKROE-2545



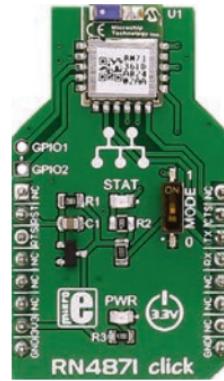
RN4870 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries RN4870 Bluetooth® 4.2 low energy module from Microchip.

MSRP – \$33⁰⁰
MIKROE-2543



RN4871 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries RN4871 Bluetooth® 4.2 low energy module from Microchip.

MSRP – \$33⁰⁰
MIKROE-2544

**tRF Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Telit's LE70-868 – a 868 MHz transceiver module with embedded stack.

MSRP – \$59⁰⁰
MIKROE-1535**WiFi 2 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With HLK-M30 module. Can be set up with either a static or dynamic IP address.

MSRP – \$29⁰⁰
MIKROE-1768**WiFi 3 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With ESP8266 module. TCP/IP stack. Supports Wi-Fi Direct (p2p). 6 GPIO pins.

MSRP – \$27⁰⁰
MIKROE-1769**WiFi 4 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SPWF01SA standalone WiFi module. Built-in 2.45 GHz ISM band antenna.

MSRP – \$49⁰⁰
MIKROE-1913**WiFi 5 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Gainspan's GS1500M 802.11b/g/n Low Power WiFi module with a PCB trace antenna.

MSRP – \$29⁰⁰
MIKROE-2274



WiFi 6 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With WF121-A self-contained WiFi module.
2.4GHz band IEEE 802.11 b/g/n module,
20MHz solution.

MSRP - \$69⁰⁰
MIKROE-2043



WiFi 7 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With ATWINC1510-MR210PB IEEE 802.11 b/g/n module,
20MHz solution.

MSRP - \$29⁰⁰
MIKROE-2046



WiFi ESP Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With ESP-WROOM-02 module that integrates
ESP8266EX. In AP WiFi and WiFi client mode.

MSRP - \$15⁰⁰
MIKROE-2542



WiFi PLUS Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With MRF24WB-OMA 2.4GHz, IEEE std. 802.11 module and MCW1001 controller.

MSRP - \$45⁰⁰
MIKROE-1135



WiFi Fly Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With RN-131 embedded wireless LAN module.
Qualified 2.4-GHz IEEE 802.11 b/g transceiver.

MSRP - \$69⁰⁰
MIKROE-1937



AnyNet 2G Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

WiFi module with integrated IPv4 TCP/IP stack and built-in network protocols.

MSRP - \$69⁰⁰
MIKROE-2747



AnyNet 3G-EA Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A secure connection with the AWS over the air [OTA], by utilizing the Quectel UG95 3G module.

MSRP - \$89⁰⁰
MIKROE-2875



CC3100 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries low power, high security Wi-Fi CC3100 module. Support for 802.11n.

MSRP - \$49⁰⁰
MIKROE-2336



OOK RX Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A wireless receiver that operates at the frequency of 433MHz [sub-GHz].

MSRP - \$19⁰⁰
MIKROE-2902



OOK TX Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A wireless transmitter that operates at the frequency of 433MHz [sub-GHz].

MSRP - \$19⁰⁰
MIKROE-2903



WiFi NINA Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A standalone WiFi module, with the state-of-the-art NINA-W132 module from u-blox.

MSRP - \$45⁰⁰

MIKROE-2921



MiWi Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A subgigahertz radio transceiver which offers a reliable FSK or OOK communication solution.

MSRP - \$17⁰⁰

MIKROE-2924



MiWi 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A subgigahertz radio transceiver which offers a reliable FSK or OOK communication solution.

MSRP - \$17⁰⁰

MIKROE-2925



M-BUS RF Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With ME70-169 RF wireless module. Unlicensed ISM frequency band 169.400-169.475 MHz.

MSRP - \$54⁰⁰

MIKROE-2048



SPIRIT Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SP1ML 868MHz ultra low-power RF module. Memory: 16 kB RAM and 128 kB Flash.

MSRP - \$39⁰⁰

MIKROE-2568



XBEE Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Xbee® and Zigbee-compliant XB24CZ7PIS-004 module with a PCB antenna.

MSRP – \$59⁰⁰
MIKROE-1599



NANO GPS Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With Nano Hornet, world's smallest GPS module with an integrated antenna.

MSRP – \$45⁰⁰
MIKROE-1912



GPS 4 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

GPS 4 click carries the L70 compact GPS module from Quectel, with external antenna.

MSRP – \$34⁰⁰
MIKROE-2704

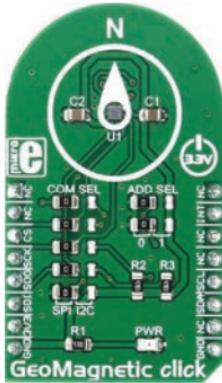


GSM 4 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Compact quad-band GSM solution, featuring the quad-band SARA-G350 module.

MSRP – \$74⁰⁰
MIKROE-2388



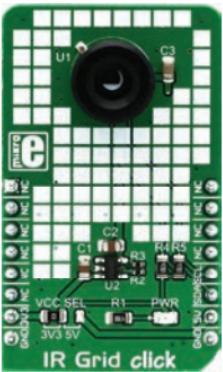
GeoMagnetic Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measures the geomagnetic field in three perpendicular axes. The onboard sensor uses FlipCore from Bosch.

MSRP – \$15⁰⁰
MIKROE-2935



IR Grid Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with the MLX90621BAD, a 16x4 IR array sensor, from Melexis.

MSRP – \$69⁰⁰
MIKROE-2622



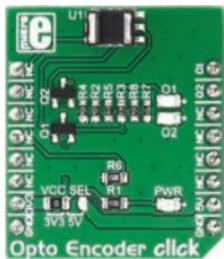
Moisture Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

FDC2112 IC, a very precise 12bit capacitance to digital converter, from Texas Instruments.

MSRP – \$19⁰⁰
MIKROE-3084



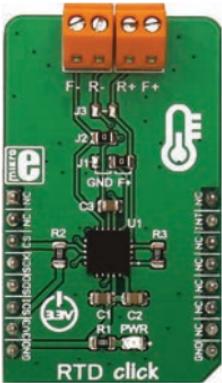
Opto Encoder Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the TCUT1600X01, a tall dome dual channel transmissive optical sensor from Vishay.

MSRP – \$9⁰⁰
MIKROE-2549



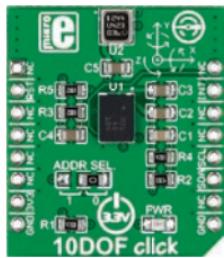
RTD Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It is based on MAX31865 resistance to digital converter optimized for RTDs.

MSRP – \$19⁰⁰
MIKROE-2815



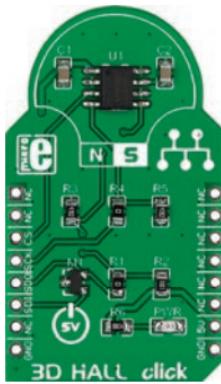
10DOF Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With BNO055, a 9-axis absolute orientation sensor and BMP180, a digital pressure sensor.

MSRP - \$49⁰⁰
MIKROE-2073



3D Hall Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MLX90333 3-axis Hall sensor. Detects the position of any magnet in nearby space.

MSRP - \$25⁰⁰
MIKROE-1987



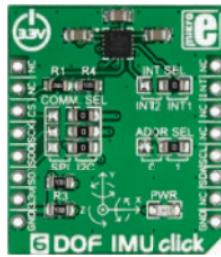
3D Motion Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

MM7150 9-axis sensor fusion motion module and SSC7150 motion coprocessor.

MSRP - \$59⁰⁰
MIKROE-1877



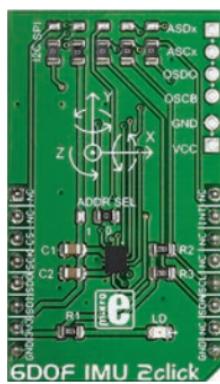
6DOF IMU Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

STM's LSM6DS33TR 6-axis IMU with 3-axis gyroscope and 3-axis accelerometer.

MSRP - \$49⁰⁰
MIKROE-1298



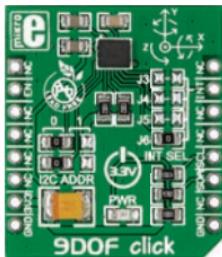
6DOF IMU 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With BMI160 low power IMU. For precise acceleration and gyroscopic measurement.

MSRP - \$24⁰⁰
MIKROE-2337



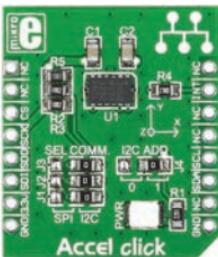
9DOF Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

LSM9DS1 inertial measurement module - 3D accelerometer, gyroscope and magnetometer.

MSRP - \$24⁰⁰
MIKROE-1941



Accel Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With ADXL345 3-axis accelerometer. 13-bit measurement, embedded FIFO technologies.

MSRP - \$19⁰⁰
MIKROE-1194



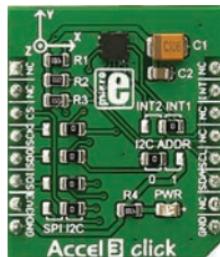
Accel 2 Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

LIS3DSH IC 3-axis accelerometer. Embedded FIFO buffer and 2 programmable state machines.

MSRP - \$19⁰⁰
MIKROE-1905



Accel 3 Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

H3LIS331DL 3-axis linear accelerometer. Dynamically selectable scales $\pm 100\text{g}/\pm 200\text{g}/\pm 400\text{g}$.

MSRP - \$21⁰⁰
MIKROE-2102



Air quality Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

MQ-135 sensor for detecting gases - ammonia, nitrogen oxides, benzene, smoke, CO₂.

MSRP - \$16⁵⁰
MIKROE-1630



Air quality 2 Click

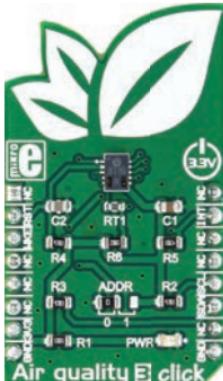
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

iAQ-Core that measures VOC levels and provides CO₂ equivalent and TVOC equivalent predictions.

MSRP - \$79⁰⁰

MIKROE-2529



Air quality 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with the CCS811, an ultra-low power digital gas sensor for monitoring the indoor air quality (IAQ).

MSRP - \$29⁰⁰

MIKROE-2993



Air quality 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

An advanced air quality sensing device that combines multiple metal-oxide sensing elements on a chip.

MSRP - \$32⁰⁰

MIKROE-2896



Air quality 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

MiCS-6814, a compact triple MOS sensor from SGX Sensortech, with three fully independent sensors.

MSRP - \$45⁰⁰

MIKROE-3056



Hydrogen Click

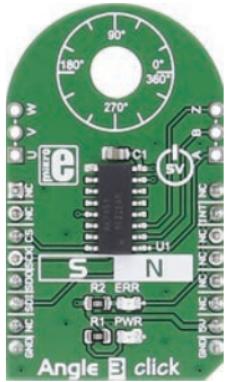
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries MQ-8 sensor for hydrogen (H₂). Sensor's detection range 100-10000ppm of H₂.

MSRP - \$15⁰⁰

MIKROE-1629



Angle 3 Click

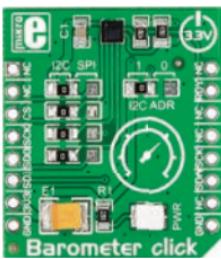
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With AK7451, a magnetic rotational angle sensor with 12-bit angle resolution.

MSRP - \$18⁰⁰

MIKROE-2755



BAROMETER Click

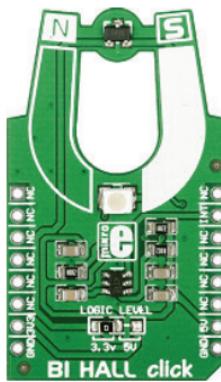
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

LPS25HB IC, piezoresistive absolute pressure sensor. Range 260-1260 hPa.

MSRP - \$15⁰⁰

MIKROE-1817



BI Hall Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

US2882 bipolar Hall-effect switch and a 74LVC1T45 single bit, dual supply transceiver.

MSRP - \$12⁰⁰

MIKROE-1646



CO Click

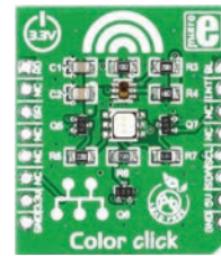
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

MQ-7 gas sensor with high sensitivity to carbon monoxide. Detection range 20ppm-2000ppm.

MSRP - \$16⁵⁰

MIKROE-1626



Color Click

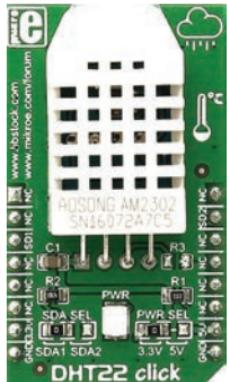
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TCS3471 [RGBC] color light sensor and a RGB LED diode. Resolution up to 16-bits.

MSRP - \$15⁰⁰

MIKROE-1438



DHT22 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With DHT22 temp. and humidity measurement sensor. Hum. 0–100%, temp. -40 to +80° C.

MSRP – \$24⁰⁰
MIKROE-1798



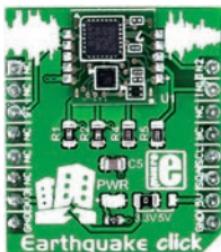
Diff pressure Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

MPXV5010DP pressure sensor. Designed for comparing 2 pressure measurements.

MSRP – \$59⁰⁰
MIKROE-2387



Earthquake Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries D7S, the world's smallest high-precision seismic sensor from Omron.

MSRP – \$69⁰⁰
MIKROE-2561



ECG Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It measures the electrical activity of a beating heart through electrodes taped to the skin.

MSRP – \$39⁰⁰
MIKROE-2455



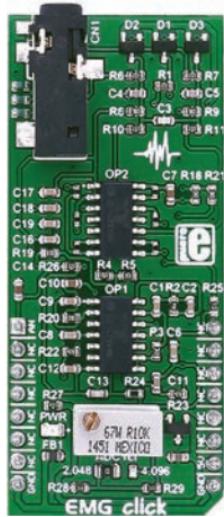
ECG 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Tracks the patterns of your beating heart. It carries ADS1194 16-bit delta-sigma ADC.

MSRP – \$49⁰⁰
MIKROE-2507

**EMG Click**

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Measures the electrical activity produced by the skeletal muscles.

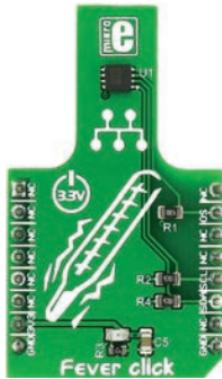
MSRP - \$29⁰⁰
MIKROE-2621

**Environment Click**

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Measures temperature, relative humidity, pressure and Volatile Organic compounds gases.

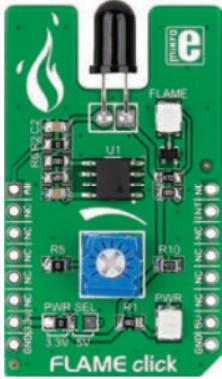
MSRP - \$34⁰⁰
MIKROE-2467

**Fever Click**

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Measures body temperature with MAX30205 sensor. Accuracy 0.1°C [37°C to 39°C].

MSRP - \$11⁰⁰
MIKROE-2554

**FLAME Click**

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Used for fire detection. Carries PT334-6B silicon phototransistor sensitive only to infrared light.

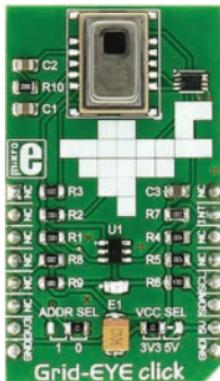
MSRP - \$12⁰⁰
MIKROE-1820

**Force Click**

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With Interlink Electronics' Force Sensing Resistors. Force sensitivity range 0.2N-20N.

MSRP - \$25⁰⁰
MIKROE-2065



Grid-EYE Click

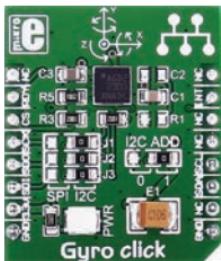
5V 3.3V SPI I2C

UART GPIO PWM AN

8x8 thermal array sensor-detector that carries AMG8853 infrared array sensor.

MSRP – \$79⁰⁰

MIKROE-2539



GYRO Click

5V 3.3V SPI I2C

UART GPIO PWM AN

L3GD20 3-axis digital gyroscope module - can measure angular rate and ambient temperature.

MSRP – \$25⁰⁰

MIKROE-1379



Hall current Click

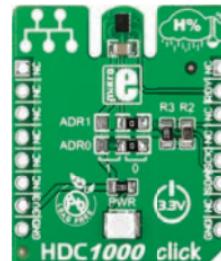
5V 3.3V SPI I2C

UART GPIO PWM AN

High precision current sensor with TLI4970-D050T4, a magnetic current sensor.

MSRP – \$34⁰⁰

MIKROE-1578



HDC1000 Click

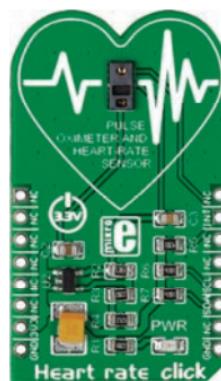
5V 3.3V SPI I2C

UART GPIO PWM AN

It's a humidity [and temperature] measurement Click carrying the HDC1000 sensor.

MSRP – \$19⁰⁰

MIKROE-1797



Heart rate Click

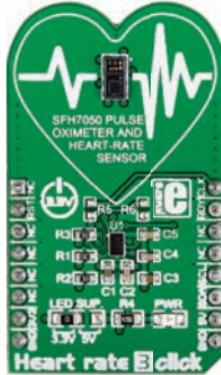
5V 3.3V SPI I2C

UART GPIO PWM AN

With Maxim's MAX30100 integrated pulse oximetry and heart-rate sensor.

MSRP – \$19⁰⁰

MIKROE-2000



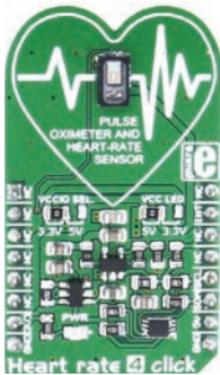
Heart rate 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

SFH7050 pulse oximetry and heart rate monitoring module, and AFE4404 IC for bio-sensing.

MSRP - \$39⁰⁰
MIKROE-2036



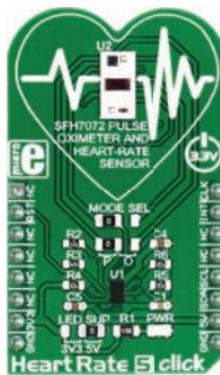
Heart rate 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries the MAX30101 high-sensitivity pulse oximeter and heart-rate sensor.

MSRP - \$21⁰⁰
MIKROE-2510



Heart Rate 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the top-of-the-class integrated BIOFY® SFH 7072 sensor from OSRAM.

MSRP - \$32⁰⁰
MIKROE-3012



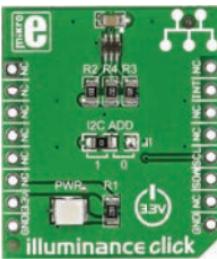
Heart Rate 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The VEMD8080 photo-sensor. A high-speed PD element, with sensitivity in the visible light spectrum.

MSRP - \$23⁰⁰
MIKROE-2998



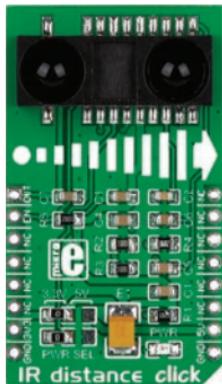
Illuminance Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TSL2561 light-to-digital converter. Two photodiodes: full-spectrum and infrared light.

MSRP - \$16⁰⁰
MIKROE-1688



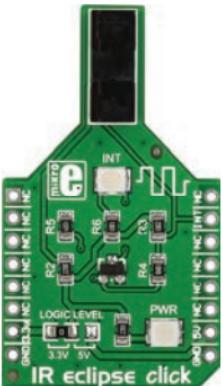
IR distance Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With GP2Y0A60S0F distance measuring sensor. Measuring range 10-150 cm.

MSRP - \$25⁰⁰
MIKROE-1991



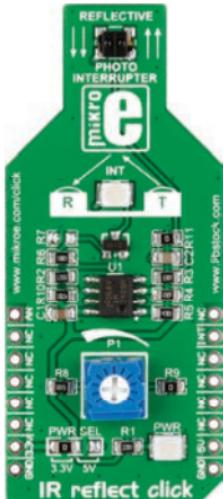
IR eclipse Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With EE-SX198 photo interrupter sensor - detects anything that obstructs its beam.

MSRP - \$15⁰⁰
MIKROE-1711



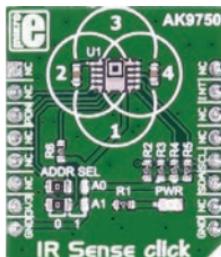
IR reflect Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries GP2S700HCP reflective photo interrupter and an onboard potentiometer.

MSRP - \$12⁰⁰
MIKROE-1882



IR Sense Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With AK9750 quantum-type IR sensor. Detects the temperature of objects and people in motion.

MSRP - \$27⁰⁰
MIKROE-2677



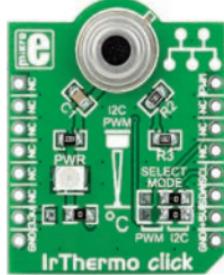
IrThermo Click 3.3V

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MLX90614ESF-BAA IR thermometer module, factory calibrated in wide temperature range.

MSRP - \$29⁰⁰
MIKROE-1361



IrThermo Click 5V

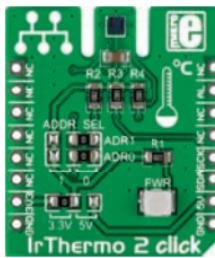
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With MLX90614ESF-AAA IR thermometer module, factory calibrated in wide temperature range.

MSRP - \$29⁰⁰

MIKROE-1362



IrThermo 2 Click

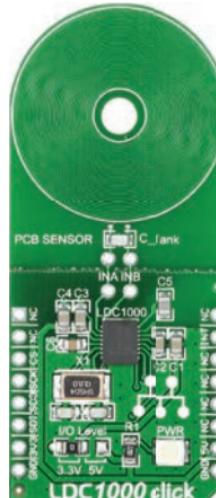
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

It is a non-contact temperature measurement solution, with an infrared thermopile sensor.

MSRP - \$20⁰⁰

MIKROE-1888



LDC1000 Click

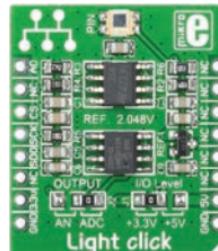
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With inductance-to-digital converter IC and a detachable sensor. For short range inductive sensing.

MSRP - \$35⁰⁰

MIKROE-1583



Light Click

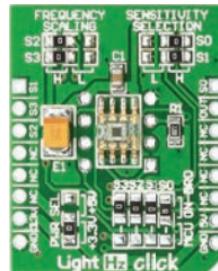
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

Used to measure ambient light intensity, with PD15-22CTR8 PIN photodiode.

MSRP - \$18⁰⁰

MIKROE-1424



LightHz Click

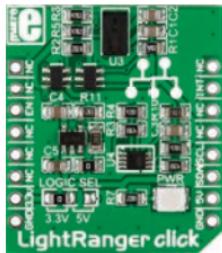
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

With TSL230BR converter for conversion of light intensity to frequency with no external components.

MSRP - \$17⁰⁰

MIKROE-990



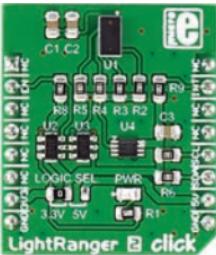
LightRanger Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It's a proximity sensor carrying VL6180X IC. Also works as an ambient light sensor.

MSRP - \$24⁰⁰
MIKROE-1897



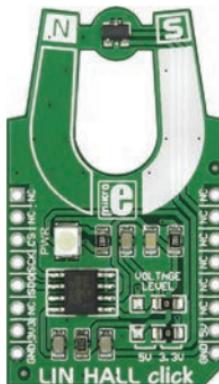
LightRanger 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With VL53LOX IC, the world's smallest Time-of-Flight ranging and gesture detector sensor.

MSRP - \$24⁰⁰
MIKROE-2509



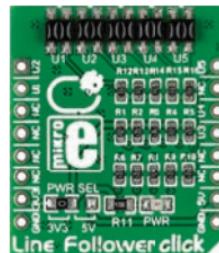
LIN HALL Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MLX90242 linear Hall sensor IC. Measures magnet's strength and distance.

MSRP - \$17⁰⁰
MIKROE-1648



Line Follower Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With five QRE1113 miniature reflective object sensors. Used for line following robots and cars.

MSRP - \$15⁰⁰
MIKROE-1999



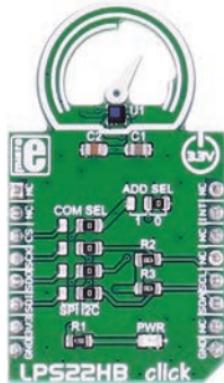
LPG Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MQ-5 sensor for detecting liquefied petroleum gas leakage. Detection range 200-10000 ppm.

MSRP - \$15⁰⁰
MIKROE-1587



LPS22HB Click

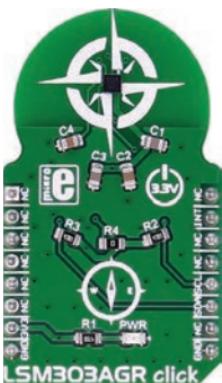
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Used as a digital barometer. It carries the LPS22HB MEMS nano pressure sensor.

MSRP - \$15⁰⁰

MIKROE-2665



LSM303AGR Click

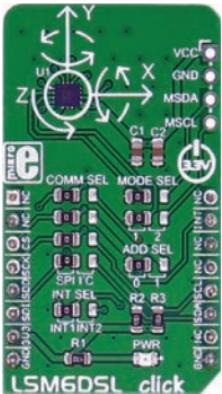
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measures acceleration and magnetic field characteristics. Carries LSM303AGR module.

MSRP - \$18⁰⁰

MIKROE-2684



LSM6DSL Click

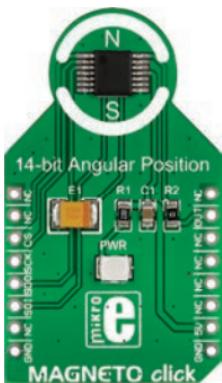
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measures linear and angular velocity with six degrees of freedom. Carries LSM6DSL module.

MSRP - \$15⁰⁰

MIKROE-2731



MAGNETO Click

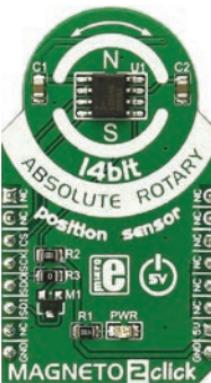
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries AS5048A contactless magnetic angle position sensor that relies on the Hall Effect.

MSRP - \$36⁰⁰

MIKROE-1886



MAGNETO 2 Click

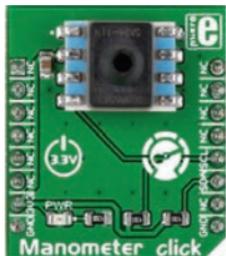
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Enables the design of non-contacting rotary position sensors with MLX90316 sensor IC.

MSRP - \$29⁰⁰

MIKROE-1938

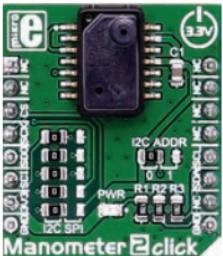


Manometer Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries a piezo resistive silicon pressure sensor with extremely high accuracy ($\pm 0.25\%$ FSS BFSL).

MSRP - \$79⁰⁰
MIKROE-2237

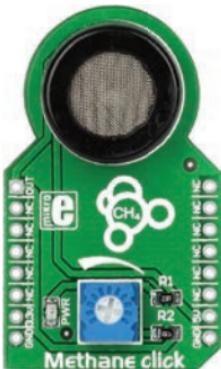


Manometer 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With MS5525D-SO-SB001GS digital pressure sensor. 24-bit digital pressure and temp. value.

MSRP - \$39⁰⁰
MIKROE-2550



Methane Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With MQ-4 sensor for methane [CH4]. Detection range 200-10000ppm of CH4.

MSRP - \$15⁰⁰
MIKROE-1628

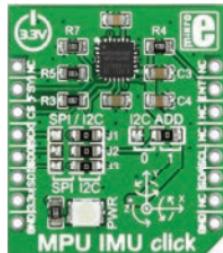


MOTION Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It's a motion detector sensitive only to live bodies with PIR500B, a pyroelectric sensor.

MSRP - \$13⁰⁰
MIKROE-1589



MPU IMU Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries MPU-6000 integrated 6-axis motion tracking device and a DMP [Digital Motion Processor].

MSRP - \$39⁰⁰
MIKROE-1577



Spectral Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the AS7261, an XYZ chromatic white color sensor + NIR with electronic shutter and smart interface.

MSRP - \$26⁰⁰
MIKROE-2972



Spectral 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the AS7262, 6 channel visible spectral_ID device with electronic shutter and smart Interface.

MSRP - \$26⁰⁰
MIKROE-2973



Spectral 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the AS7263, a 6 channel NIR Spectral_ID device with electronic shutter and smart Interface.

MSRP - \$26⁰⁰
MIKROE-2961



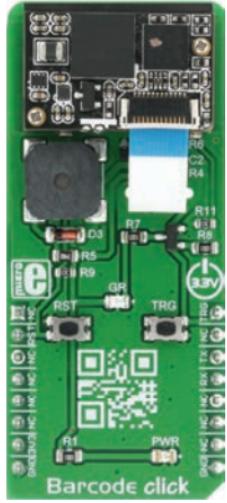
IR Sense 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the AK9752, an ultra-small infrared sensor IC, with an I2C interface, from AKM.

MSRP - \$21⁰⁰
MIKROE-2966



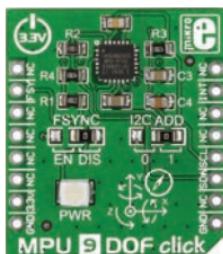
Barcode Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The LV3296, a compact integrated barcode scanner from Rakinda company.

MSRP - \$179⁰⁰
MIKROE-2913



MPU 9DOF Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries the MPU-9150 system in package, the world's first 9-axis motion tracking device.

MSRP - \$42⁰⁰
MIKROE-1719



Ozone 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MQ131 sensor for Ozone (O₃). Detection range 10-1000 ppm of O₃.

MSRP - \$37⁰⁰
MIKROE-2767



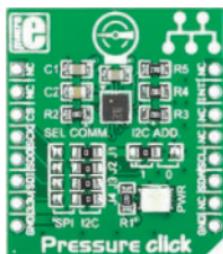
Pollution Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Detects organic gases - formaldehyde, benzene, alcohol, toluene, etc. Detection range 1x50ppm.

MSRP - \$49⁰⁰
MIKROE-2516



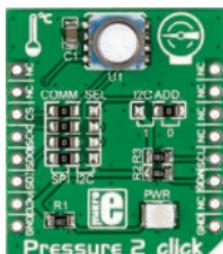
Pressure Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With LPS331AP digital output pressure sensor. For pressure [260-1260 mbar] and temp. [-40°C to 80°C].

MSRP - \$25⁰⁰
MIKROE-1422



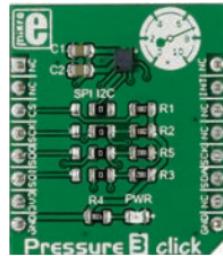
Pressure 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MS5803, a high resolution MEMS pressure sensor. Range 0-14 bars, resolution up to 0.2 mbars.

MSRP - \$69⁰⁰
MIKROE-1880



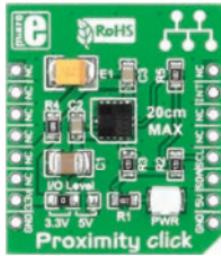
Pressure 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With DPS310 digital barometric pressure sensor. Range 300-1200 hPa.

MSRP - \$20⁰⁰
MIKROE-2293



Proximity Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With VCNL4010 proximity and ambient light sensor. Range up to 20cm, 16-bit resolution.

MSRP - \$17⁰⁰
MIKROE-1445



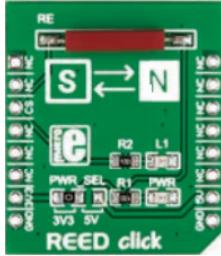
Proximity 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MAX44000, an IC that integrates an ambient light and a proximity sensor. Range 0.03-65.535 lux.

MSRP - \$19⁰⁰
MIKROE-1818



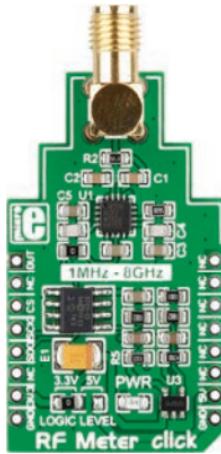
REED Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a standard reed switch. Used in mechanical systems as proximity sensors.

MSRP - \$7⁰⁰
MIKROE-1998



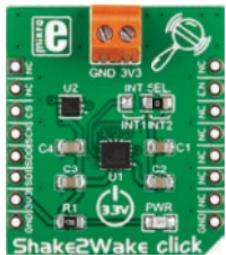
RF Meter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It's an RF power measurement device. Frequency span 1 MHz-8 GHz, over 60 dB range.

MSRP - \$44⁰⁰
MIKROE-2034



Shake2Wake Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With ADXL362 ultralow power, 3-axis MEMS accelerometer. Includes several activity detection modes.

MSRP - \$39⁰⁰

MIKROE-1942



SHT Click

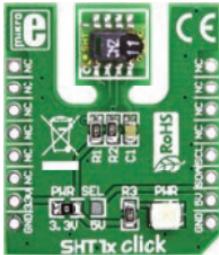
5V **3.3V** SPI I2C

UART **GPIO** PWM AN

Temperature and humidity sensor SHT3x-DIS. -0 to 100% RH, 40 to 125°C temp. range.

MSRP - \$26⁰⁰

MIKROE-2101



SHT1x Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

Digital humidity and temperature sensor SHT11. Not recommended for newer designs.

MSRP - \$13⁰⁰

MIKROE-949



Smoke Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With MAX30105 optical sensor for smoke detection. Sensor's inherent resolution 0.0625°C.

MSRP - \$19⁰⁰

MIKROE-2560



Stretch Click

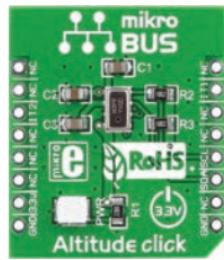
5V **3.3V** SPI I2C

UART **GPIO** PWM AN

Measures stretch forces with conductive rubber cord - 40-160 ohms per cm resistance.

MSRP - \$35⁰⁰

MIKROE-2064



Altitude Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

MEMS pressure sensor MPL3115A2. Pressure/altitude [20-bit] and temp. [12-bit] data.

MSRP - \$14⁵⁰
MIKROE-1489



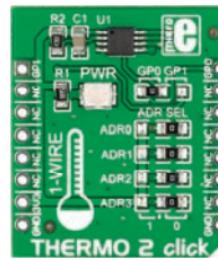
THERMO Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With MAX31855K thermocouple-to-digital converter and PCC-SMP K-type thermocouple connector.

MSRP - \$29⁰⁰
MIKROE-1197



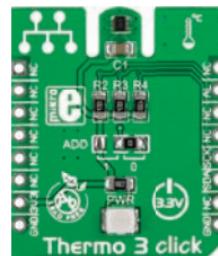
THERMO 2 Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With DS1825, a digital thermometer IC with a unique 64-bit address. -10°C to 85°C, $\pm 0.5^\circ\text{C}$ accuracy.

MSRP - \$15⁰⁰
MIKROE-1840



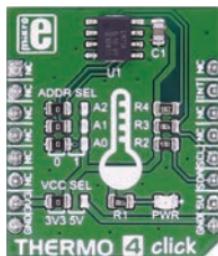
Thermo 3 Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

With TMP102, a digital temp. sensor IC. Accurate within 0.5°C. Range from -25°C to 85°C.

MSRP - \$9⁰⁰
MIKROE-1885



THERMO 4 Click

5V **3.3V** SPI I2C

UART **GPIO** PWM AN

It carries digital temperature sensor and thermal watchdog. Range from -55 °C to +125 °C.

MSRP - \$9⁰⁰
MIKROE-2632



THERMO 5 Click

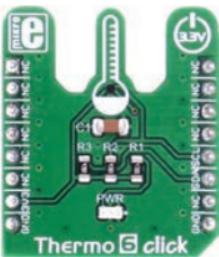
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measures temperature in default range of 0°C to 127°C and extended range of -64°C to 191°C.

MSRP - \$11⁰⁰

MIKROE-2571



Thermo 6 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Ambient temp. measurement device, based on the MAX31875 temp. sensor.

MSRP - \$9⁰⁰

MIKROE-2769



THERMO K Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries the MCP9600 IC. It can measure temperatures from -200 °C to +1372 °C.

MSRP - \$24⁰⁰

MIKROE-2501



Thermostat Click

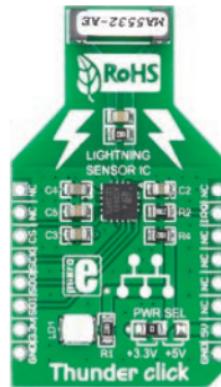
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries MAX7502 IC that can measure temp. from -25°C to +100°C. Accuracy $\pm 1.5^{\circ}\text{C}$.

MSRP - \$19⁰⁰

MIKROE-2273



Thunder Click

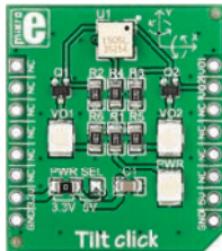
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Detects the presence and proximity of lightning activity with AS3935 lightning sensor.

MSRP - \$35⁰⁰

MIKROE-1444



Tilt Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With RPI-1035, a 4-directional optical tilt sensor - left, right, backward, forward movement.

MSRP - \$12⁰⁰
MIKROE-1834



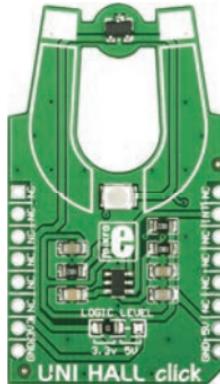
TILTnSHAKE Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MMA8491Q IC, a 3-axis digital accelerometer. Can function as a 45 ° tilt sensor.

MSRP - \$19⁰⁰
MIKROE-1853



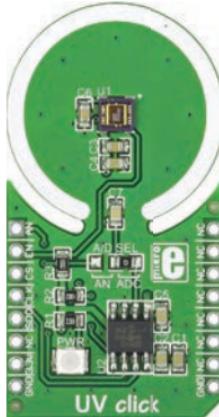
UNI HALL Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With US5881 unipolar Hall-effect switch sensitive to the North Pole magnetic fields.

MSRP - \$12⁰⁰
MIKROE-1647



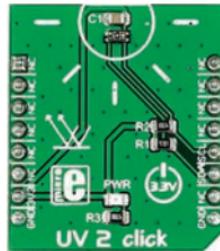
UV Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With ML8511 IC that is sensitive to UVA and UVB rays. Outputs either analog or digital signals.

MSRP - \$24⁰⁰
MIKROE-1677



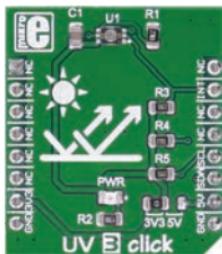
UV 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries VEML6075 UVA and UVB light sensor. With a photodiode, amplifiers, analog/digital circuits.

MSRP - \$19⁰⁰
MIKROE-2378



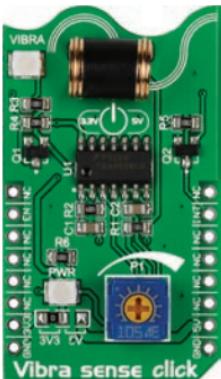
UV 3 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

An advanced ultraviolet [UV] light sensor with VEML6070 UVA light sensor.

MSRP - \$9⁰⁰
MIKROE-2736



Vibra sense Click

5V 3.3V SPI I2C

UART GPIO PWM AN

A micro shock vibration sensor with a digital output. For anti-tampering, anti-theft devices.

MSRP - \$18⁰⁰
MIKROE-1927



Water Detect Click

5V 3.3V SPI I2C

UART GPIO PWM AN

For detecting water and other electroconductive liquids. Carries Microchip's MCP606.

MSRP - \$9⁰⁰
MIKROE-2786



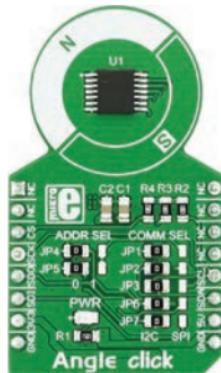
Weather Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With BME280 integrated environmental unit. Detects humidity, pressure, and temperature.

MSRP - \$22⁰⁰
MIKROE-1978



Angle Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Hall-effect angle sensing device used to measure the rotational angle of the magnetic field.

MSRP - \$16⁰⁰
MIKROE-2030



Thermo J Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It is a temperature measurement Click board™, which uses a thermocouple type-J probe.

MSRP - \$24⁰⁰
MIKROE-2811



DHT22 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It is used for measuring the environmental temperature and relative humidity.

MSRP - \$22⁰⁰
MIKROE-2818



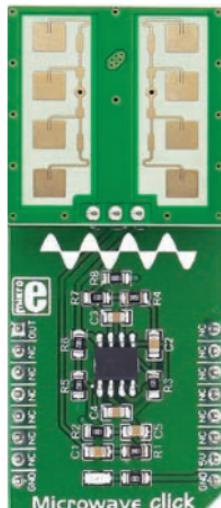
IrDA 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Intelligent IR transceiver device that sends and receives UART commands via the IR interface.

MSRP - \$26⁰⁰
MIKROE-2871



Microwave Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It detects movement, thanks to the PD-V11 a 24GHz microwave motion sensor.

MSRP - \$25⁰⁰
MIKROE-2781



Proximity 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Intelligent proximity and light sensing device - high sensitivity long distance PS and ALS.

MSRP - \$17⁰⁰
MIKROE-2801



Hall Switch Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the AH1389, an ultra-sensitive dual output unipolar Hall Effect switch, from Diodes Incorporated.

MSRP - \$18⁰⁰
MIKROE-2985



Thermo 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MCP9800, a high accuracy temperature sensor IC with the 2-Wire interface, from Microchip.

MSRP - \$9⁰⁰
MIKROE-2979



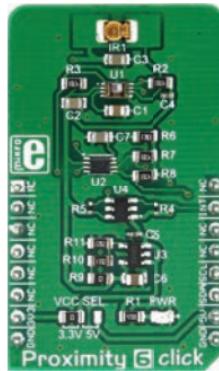
Proximity 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features the VCN-L4035X01 J, a fully integrated proximity and ambient light sensor.

MSRP - \$15⁰⁰
MIKROE-2984



Proximity 6 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the ADUX1020, a photometric sensor for gesture and proximity detection.

MSRP - \$29⁰⁰
MIKROE-3048



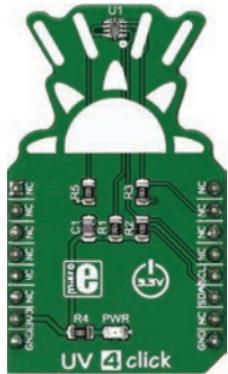
Hall current 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A Hall effect linear current sensor with over-current fault output for less than 100V isolation Applications.

MSRP - \$18⁰⁰
MIKROE-2987



UV 4 Click

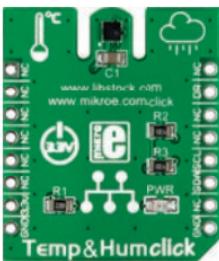
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with the Si1133, a UV index and ambient light sensor with I2C Interface, from Silicon Labs.

MSRP - \$15⁰⁰

MIKROE-2989



Temp&Hum Click

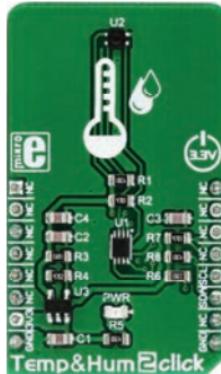
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With HTS221 temp. and relative humidity sensor. Measurement accuracy is $\pm 1^{\circ}\text{C}$ in 0-60°C range.

MSRP - \$16⁰⁰

MIKROE-1971



Temp&Hum 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the Si7034, a digital humidity and temperature sensor IC with I2C interface, from Silicon Labs.

MSRP - \$16⁰⁰

MIKROE-3085



Temp-Hum 3 Click

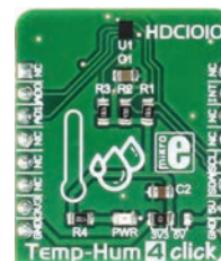
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the HDC2010, a Low Power Humidity and Temperature Digital Sensor from Texas Instruments.

MSRP - \$13⁰⁰

MIKROE-2937



Temp-Hum 4 Click

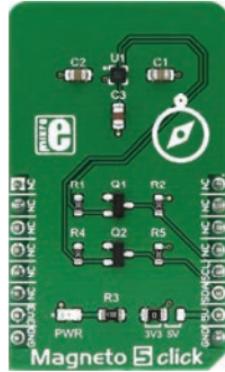
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A smart environmental temp. and humidity sensor, uses HDC1010 sensor from Texas Instruments.

MSRP - \$13⁰⁰

MIKROE-2938



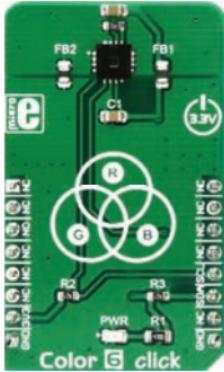
Magneto 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features the MEMSIC
MMC34160PJ, a
3-axis magnetic
sensor IC.

MSRP - \$15⁰⁰
MIKROE-3050



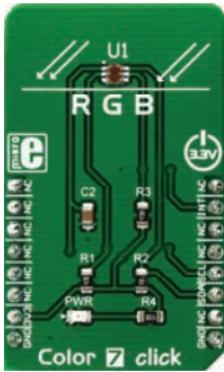
Color 6 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features the
AS73211, an XYZ true
color sensor from
AMS.

MSRP - \$32⁰⁰
MIKROE-3061



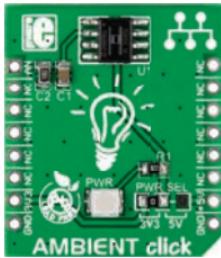
Color 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features the TCS3472
color light to digital
converter with IR filter,
from AMS.

MSRP - \$16⁰⁰
MIKROE-3062



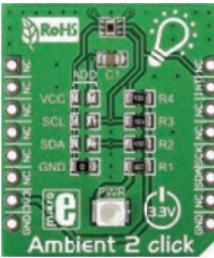
Ambient Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MLX75305 IC, CMOS
integrated optical sensor.
Converts ambient light
intensity into voltage.

MSRP - \$9⁰⁰
MIKROE-1890



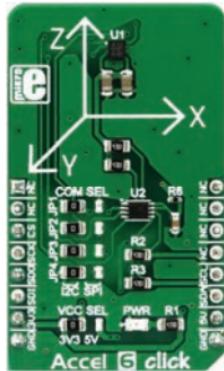
Ambient 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

TI's OPT3001 ambient
light sensor. Measures
the visible part of the
light spectrum.

MSRP - \$14⁰⁰
MIKROE-1903



Accel 6 Click

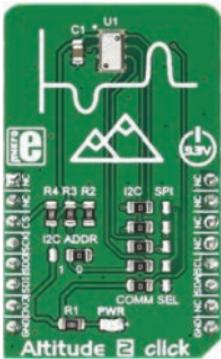
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The BMA280, a 14bit triaxial acceleration sensor with intelligent on-chip motion triggered interrupt controller.

MSRP - \$17⁰⁰

MIKROE-3075



Altitude 2 Click

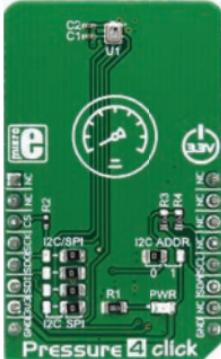
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MS5607-02BA03, a barometric pressure sensor IC with the stainless steel cap.

MSRP - \$15⁰⁰

MIKROE-3030



Pressure 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features the BMP280, a digital pressure sensor from Bosch Sensortech.

MSRP - \$18⁰⁰

MIKROE-3020



Alcohol 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The BMA280, a 14bit triaxial acceleration sensor with intelligent on-chip motion triggered interrupt controller.

MSRP - \$52⁰⁰

MIKROE-3097



NO2 Click

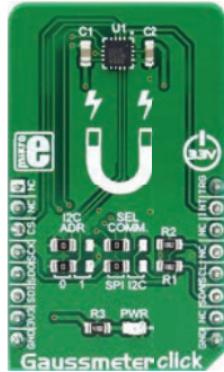
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The 3SP-NO2-20 gas sensor from SPEC Sensors, which can sense NO2 concentration up to 20ppm.

MSRP - \$52⁰⁰

MIKROE-3098



Gaussmeter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The MLX90393, a micro-power magnetometer based on the proprietary Triaxis® technology.

MSRP - \$19⁰⁰
MIKROE-3099



Oximeter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The ADPD105, a highly configurable photometric front end (AFE) device from Analog Devices.

MSRP - \$39⁰⁰
MIKROE-3102



LightRanger 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the Simblee™ enabled RFD77402 ToF sensor module from RF Digital.

MSRP - \$24⁰⁰
MIKROE-3103



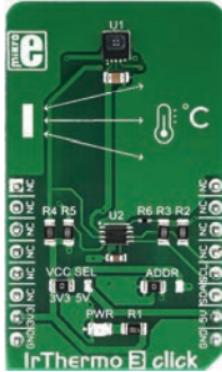
Color 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the P12347-01CT, from Hamamatsu company.

MSRP - \$16⁰⁰
MIKROE-3107



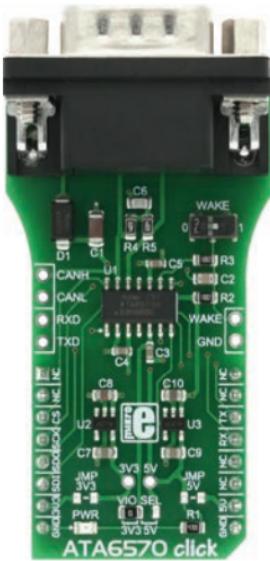
IrThermo 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MLX90632 FIR sensor from Mellesinx as the contactless temperature sensor.

MSRP - \$27⁰⁰
MIKROE-3121



ATA6570 Click

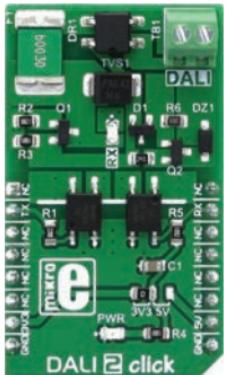
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the ATA6570, a standalone high speed CAN transceiver IC from Microchip.

MSRP – \$23⁰⁰

MIKROE-2900



DALI 2 Click

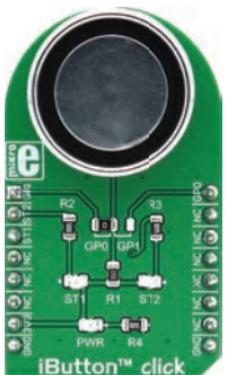
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It is used for interfacing with the DALI network, and as a compliant with the DALI-2 physical layer requirements.

MSRP – \$25⁰⁰

MIKROE-2672



iButton™ Click

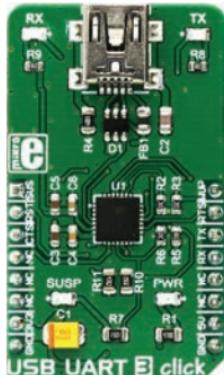
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Comes with Maxim's DS1990A, a serial number iButton™ device with a unique 64-bit serial number.

MSRP – \$35⁰⁰

MIKROE-3045



USB UART 3 Click

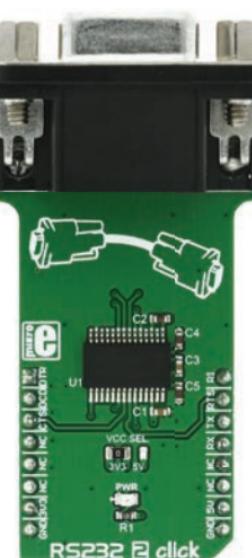
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The CP2102N, a highly integrated USB to UART interface, from Silicon Labs.

MSRP – \$15⁰⁰

MIKROE-3063



RS232 2 Click

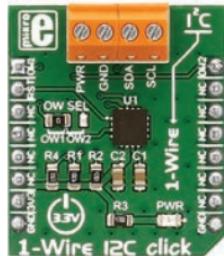
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The MAX3237E, a 3V to 5.5V multichannel RS232, 1 Mbit/s line driver/receiver from Texas Instruments.

MSRP – \$15⁰⁰

MIKROE-2897



1-Wire I2C Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Converts I2C to 1-wire with DS28E17 1-Wire-to-I2C master bridge from Maxim Integrated.

MSRP - \$22⁰⁰

MIKROE-2750



4-20 mA R Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Serves as a receiver in a 4-20mA current loop standard. Converts it into a voltage (0.4-2V).

MSRP - \$26⁰⁰

MIKROE-1387



4-20 mA T Click

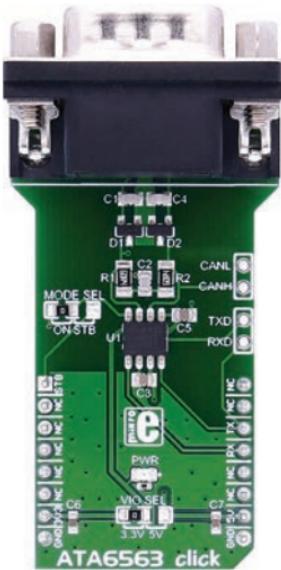
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Easy solution for adding 4-to-20mA industry standard communication protocol to your design.

MSRP - \$26⁰⁰

MIKROE-1296



ATA6563 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Microchip's ATA6563 high-speed CAN transceiver for Classical CAN and CAN FD networks.

MSRP - \$20⁰⁰

MIKROE-2334



ATA663211 Click

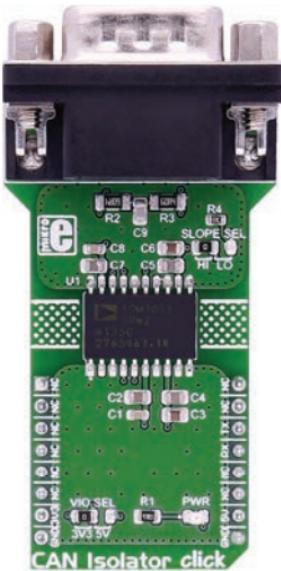
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

LIN transceiver IC designed to handle low-speed data communication in applications.

MSRP - \$19⁰⁰

MIKROE-2335



CAN Isolator Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Provides isolated CAN communication. Data rates of up to 1 Mbps. Carries a DB 9-pin male connector.

MSRP - \$39⁰⁰

MIKROE-2627



CAN SPI Click 3.3V

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Adds CAN connectivity with SPI interface. Features SN65HVD230 CAN transceiver circuit.

MSRP - \$21⁰⁰

MIKROE-986



CAN SPI Click 5V

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Adds CAN connectivity with SPI interface. With MCP2551 CAN transceiver circuit.

MSRP - \$21⁰⁰

MIKROE-988



DALI Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Provides Digital Lighting Interface. With two optocouplers, push button, screw terminal.

MSRP - \$25⁰⁰

MIKROE-1297



ETH Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With ENC28J60, a 28-pin, 10BASE-T stand-alone Ethernet controller with an on-board MAC & PHY.

MSRP - \$24⁰⁰

MIKROE-871



ETH WIZ Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With W5500, a 48-pin, 10/100 BASE-TX stand-alone Ethernet controller. Standard RJ-45 connector.

MSRP - \$19⁰⁰
MIKROE-1718

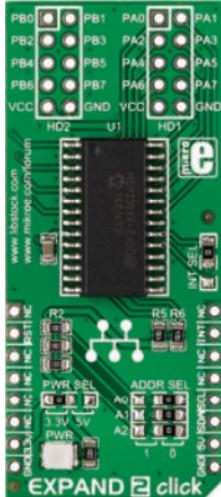


EXPAND Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Expands the number of input-output lines with Microchip's 16-bit I/O expander MCP23S17.

MSRP - \$12⁰⁰
MIKROE-951

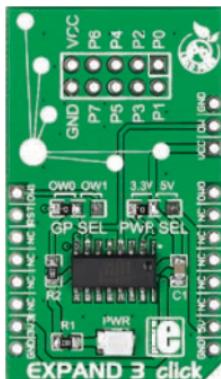


Expand 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Expands the number of input-output lines with Microchip's 16-bit I/O expander MCP23017.

MSRP - \$12⁰⁰
MIKROE-1838



Expand 3 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With DS2408, an 8-channel programmable I/O expander from Maxim Integrated.

MSRP - \$19⁰⁰
MIKROE-1874

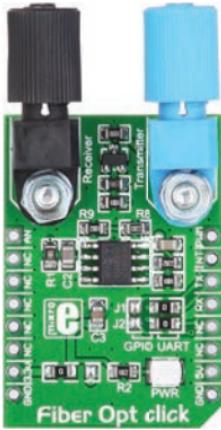


EXPAND 4 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Port expander for high power peripherals with TPCIC6A595 power logic 8-bit register.

MSRP - \$14⁰⁰
MIKROE-1910

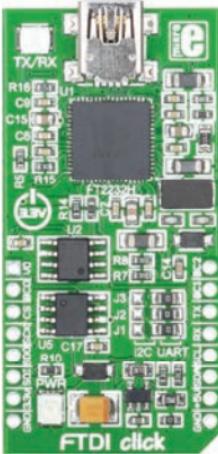


Fiber Opt Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Adds fiber-optic communication with IF-D91 fiber-optic photodiode, IF-E97 fiber-optic LED diode.

MSRP - \$34⁰⁰
MIKROE-1940

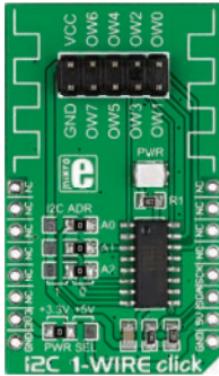


FTDI Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With FT2232H - dual high speed USB 2.0 to UART/I2C/SPI serial interface converter.

MSRP - \$29⁰⁰
MIKROE-1421

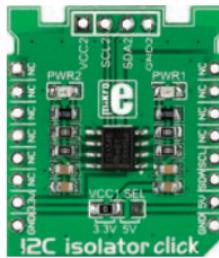


I2C 1-Wire Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Performs bidirectional conversions between I2C masters and 1-Wire slave devices with DS2482-800.

MSRP - \$28⁰⁰
MIKROE-1892

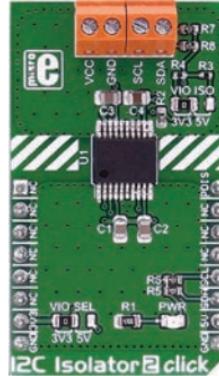


I2C Isolator Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

TI's ISO1540, a low-power, bidirectional isolator compatible with I2C interfaces.

MSRP - \$18⁰⁰
MIKROE-1878

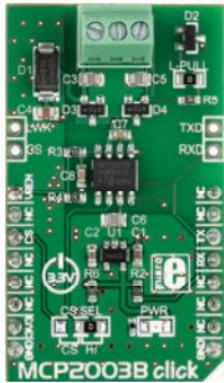


I2C Isolator 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Provides I2C lines and power isolation for slave devices with ADM3260 dual I2C isolator.

MSRP - \$24⁰⁰
MIKROE-2609



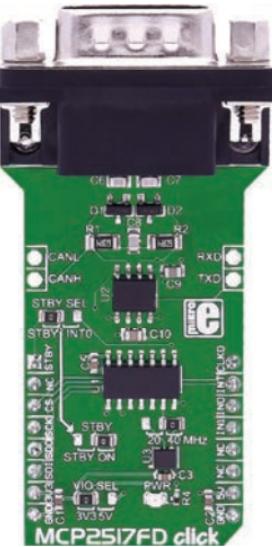
MCP2003B Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It's a physical interface to automotive and industrial LIN systems with a bi-directional LIN transceiver.

MSRP – \$18⁰⁰
MIKROE-2227



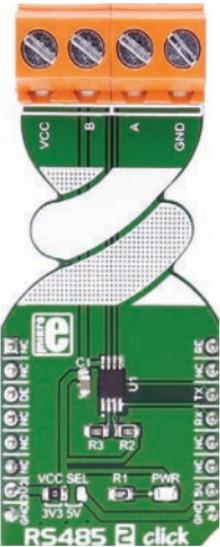
MCP2517FD Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With MCP2517FD CAN FD controller and ATA6563 high-speed CAN transceiver.

MSRP – \$25⁰⁰
MIKROE-2379



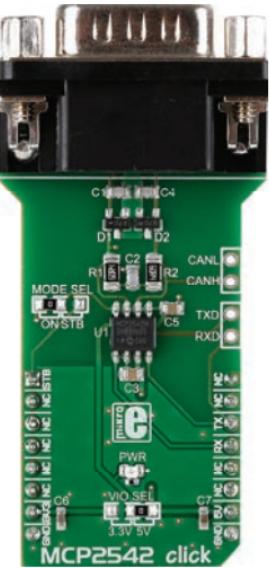
RS485 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MAX3471 half-duplex transceiver for lithium battery-powered RS-485/RS-422 applications.

MSRP – \$18⁰⁰
MIKROE-2700



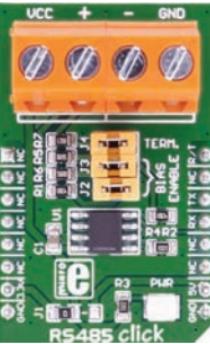
MCP2542 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Microchip's CAN FD Transceiver with Wake-Up Pattern. Compliant with CAN 2.0 and CAN FD.

MSRP – \$20⁰⁰
MIKROE-2299



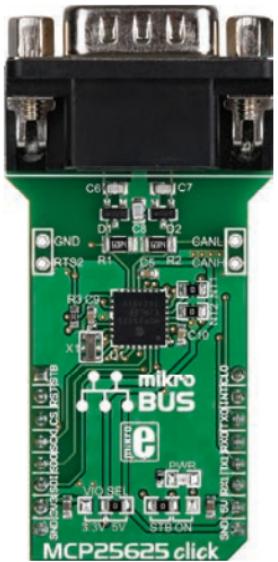
RS485 Click 3.3V

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries SN-65HVD12 half-duplex, RS-485 transceiver from Texas Instruments.

MSRP – \$18⁰⁰
MIKROE-989



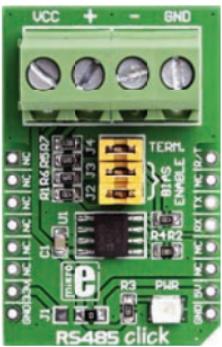
MCP25625 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With CAN controller with an integrated transceiver. High speed operation up to 1 Mb/s.

MSRP - \$24⁰⁰
MIKROE-2228



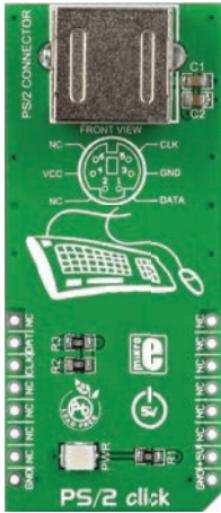
RS485 Click 5V

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries the ADM485 differential line transceiver from Analog Devices.

MSRP - \$18⁰⁰
MIKROE-925



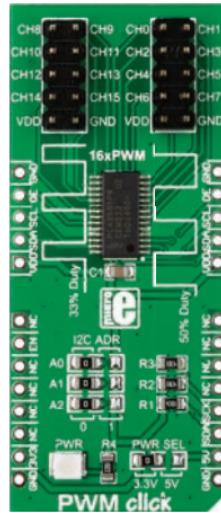
PS/2 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Adds keyboard and mouse connectivity. With a standard 6-pin Mini-DIN PS/2 connector.

MSRP - \$9⁰⁰
MIKROE-1576



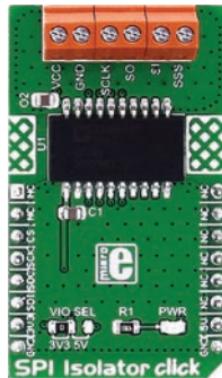
PWM Click

5V 3.3V SPI I2C

UART GPIO PWM AN

For controlling 16 PWM outputs through a single I2C interface. With PCA9685PW IC.

MSRP - \$14⁰⁰
MIKROE-1898



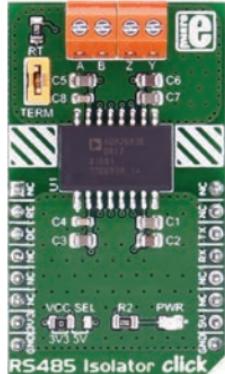
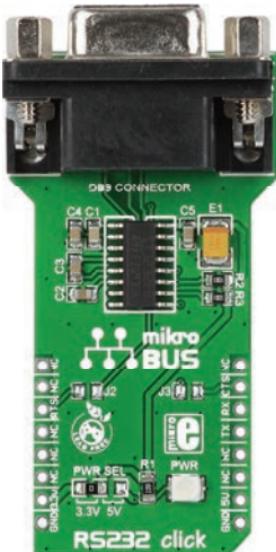
SPI Isolator Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries ADuM4154 5kV digital isolator optimized for a serial peripheral interface (SPI).

MSRP - \$29⁰⁰
MIKROE-2583

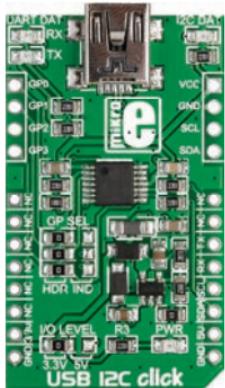


RS485 Isolator Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With ADM2682EBR1Z, a 5 kV RMS signal and power isolated RS-485 transceiver.

MSRP - \$49⁹⁰
MIKROE-2673



USB I2C Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With MCP2211 USB-to-UART/I2C converter. Full-speed USB (12 Mb/s), I2C up to 400 kHz clock rates.

MSRP - \$15⁰⁰
MIKROE-1582

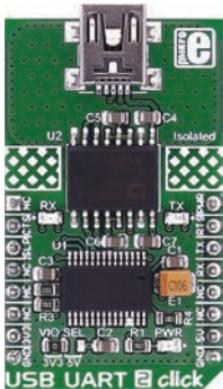


USB SPI Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Microchip's MCP2210 USB-to-SPI protocol converter with GPIO as well as USB MINI B connector.

MSRP - \$13⁹⁰
MIKROE-1204



USB UART 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Provides USB isolation and carries the AD-UM4160BRWZ USB port isolator.

MSRP - \$39⁹⁰
MIKROE-2674



USB UART Click

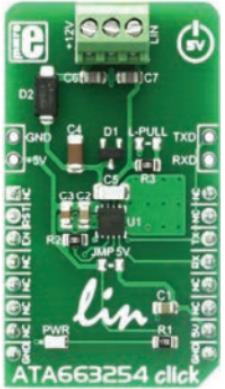
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

Adds serial UART communication via USB cable. With FT232RL USB-to-UART interface module.

MSRP - \$13⁰⁰

MIKROE-1203



ATA663254 Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

It is a fully integrated LIN transceiver device with an integrated 5V LDO voltage regulator.

MSRP - \$16⁰⁰

MIKROE-2872



BroadR-Reach Click

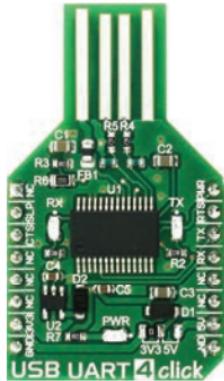
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

For realizing network in harsh environments that require reliable Ethernet-based open network.

MSRP - \$69⁰⁰

MIKROE-2796



USB UART 4 Click

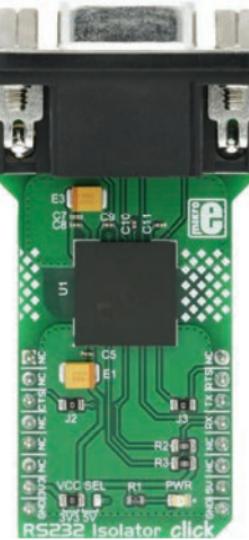
5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

USB to asynchronous serial data transfer interface. With FT232RL, USB-to-UART interface module.

MSRP - \$13⁰⁰

MIKROE-2810



RS232 Isolator Click

5V	3.3V	SPI	I2C
----	------	-----	-----

UART	GPIO	PWM	AN
------	------	-----	----

Isolated dual transceiver Click - secure and easy UART to RS232 conversion, with galvanic isolation.

MSRP - \$56⁰⁰

MIKROE-2864



OBDII Click

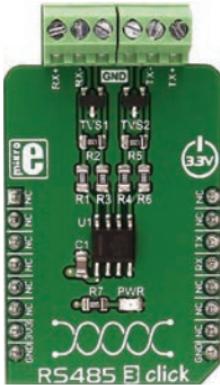
5V | 3.3V | SPI | I2C

UART · GPIO · PWM · AN

Tap inside the car diagnostic systems! Features the STN1110 Multiprotocol OBD to UART Interface.

MSRP - \$47⁹⁰

MIKROE-2452



RS485 3 Click

5V 3.3V SPI I2C

UART:GPIO:PWM: AN

The Click is intended to be used as UART to RS422/RS485 communication interface.

MSRP - \$20⁰⁰

MIKROE-2821



16x12 G Click

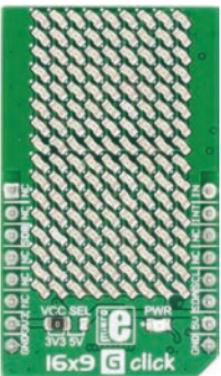
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries a 16x12 LED display and the IS-31FL3733 matrix driver with 1/12 cycle rate.

MSRP - \$30⁰⁰

MIKROE-2758



16x9 G Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a green 16x9 LED matrix and IS31FL3731 audio modulated matrix LED driver.

MSRP - \$34⁰⁰

MIKROE-2520



4Dot-Matrix R Click

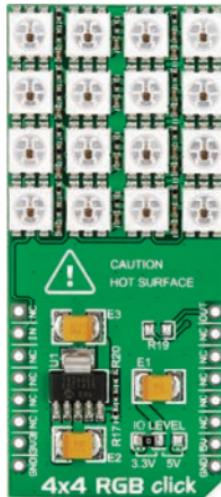
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Displays 4 char. of 5x7 dot size. With SLO2016 module and MCP23017 I2C port expander.

MSRP - \$59⁰⁰

MIKROE-2706



4x4 RGB Click

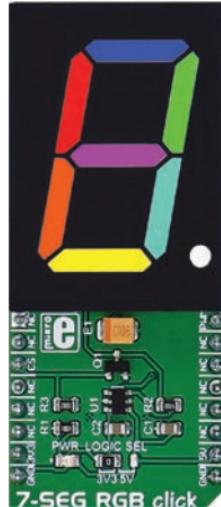
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a matrix of 16 WS2812 RGB LEDs a MCP1826 low dropout regulator.

MSRP - \$19⁰⁰

MIKROE-1881



7-SEG RGB Click

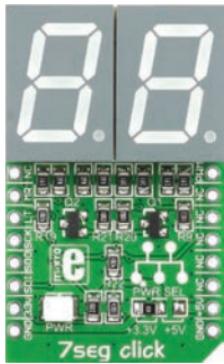
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries a full color single 7 segment digit display. 16,581,375 color combinations.

MSRP - \$29⁰⁰

MIKROE-2734

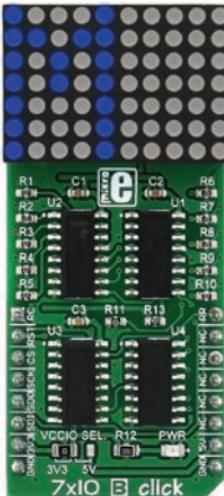
**7seg Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

2-digit seven-seg display.
With two 74HC595 8-bit
serial-in, parallel-out
shift registers.

MSRP – \$10⁰⁰
MIKROE-1201

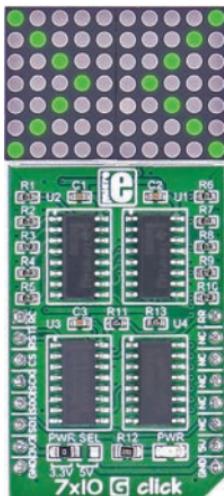
**7x10 B Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a matrix of 70 blue
LEDs driven by a pair of
8-bit serial-in, paral-
lel-out shift registers.

MSRP – \$15⁰⁰
MIKROE-2789

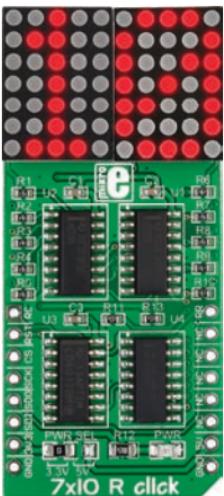
**7x10 G Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a matrix of 70 green
LEDs driven by a pair of
8-bit serial-in, paral-
lel-out shift registers.

MSRP – \$15⁰⁰
MIKROE-2705

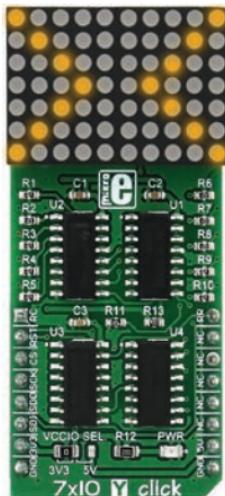
**7x10 R Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a matrix of 70 red
LEDs driven by a pair of
8-bit serial-in, paral-
lel-out shift registers.

MSRP – \$15⁰⁰
MIKROE-1993

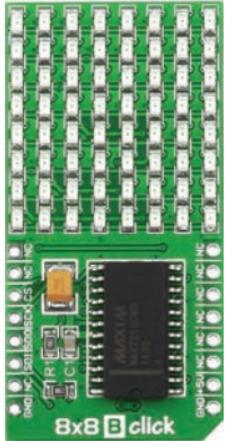
**7x10 Y Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a matrix of 70 yellow
LEDs driven by a pair of
8-bit serial-in, paral-
lel-out shift registers.

MSRP – \$15⁰⁰
MIKROE-2790

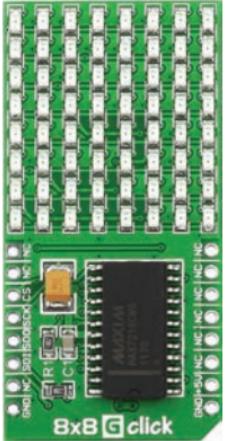


8x8 B Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It features MAX7219 8-digit LED display driver module as well as 64 BLUE LEDs.

MSRP - \$18⁰⁰
MIKROE-1307

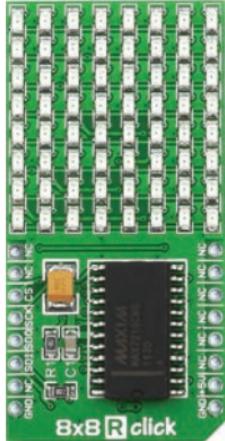


8x8 G Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It features MAX7219 8-digit LED display driver module as well as 64 GREEN LEDs.

MSRP - \$15⁰⁰
MIKROE-1306

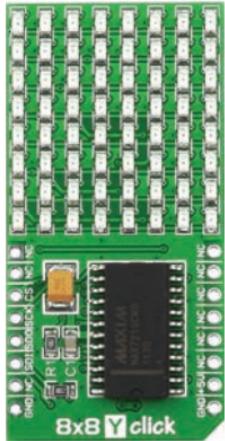


8x8 R Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It features MAX7219 8-digit LED display driver module as well as 64 RED LEDs.

MSRP - \$15⁰⁰
MIKROE-1295



8x8 Y Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It features MAX7219 8-digit LED display driver module as well as 64 YELLOW LEDs.

MSRP - \$15⁰⁰
MIKROE-1294

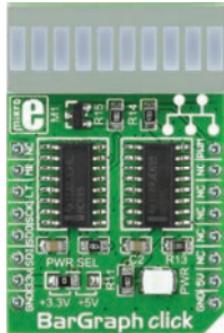


Matrix G Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Matrix text display with two green 5x7 matrices and two MAX7219 8-bit LED display drivers.

MSRP - \$29⁰⁰
MIKROE-2246



BarGraph Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 10-segment JSB-R102510Z light bar display and two 74HC595 8-bit shift registers.

MSRP - \$12⁰⁰

MIKROE-1423



BIG 7-SEG R Click

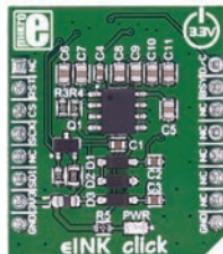
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SC10-21SR-WA seven-segment display and parallel-OUT shift register 74HC595.

MSRP - \$19⁰⁰

MIKROE-2269



eINK Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With an adapter for connecting eINK displays, with a 24pin ribbon cable.

MSRP - \$59⁰⁰

MIKROE-2659



EVE Click

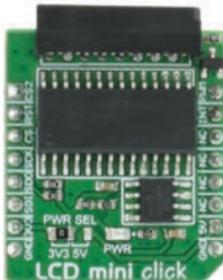
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Brings visually stunning graphics even to 8-bit MCUs, with FT800Q graphics controller.

MSRP - \$39⁰⁰

MIKROE-1430



LCD mini Click

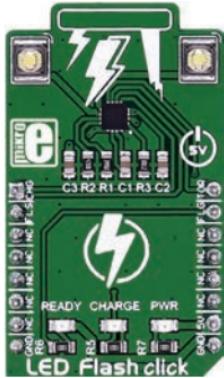
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Displays 2x16 mono-chrome characters on an LMB162XFW LCD display.

MSRP - \$19⁰⁰

MIKROE-2453



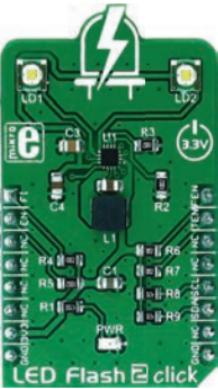
LED Flash Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Functions as a high power LED flash, and carries the CAT3224 flash LED driver.

MSRP – \$34⁰⁰
MIKROE-2479



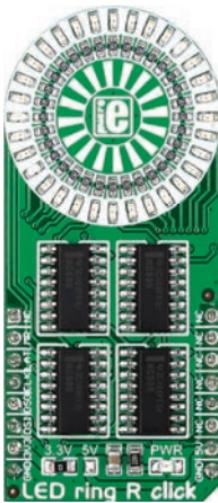
LED Flash 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It is a powerful flash/torch Click, featuring the MIC2870 from Microchip.

MSRP – \$19⁰⁰
MIKROE-2830



Led ring R Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a ring of 32 red LEDs driven by four 74HC595 serial-in, parallel-out shift registers.

MSRP – \$16⁰⁰
MIKROE-2153



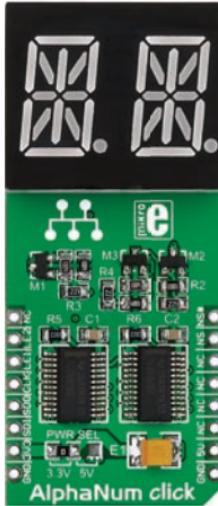
AlphaNum R Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a dual character red LED 14-segment display and two TLC5926 16-bit shift registers.

MSRP – \$15⁰⁰
MIKROE-1864



AlphaNum G Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a dual character green LED 14-segment display and two TLC5926 16-bit shift registers.

MSRP – \$15⁰⁰
MIKROE-1851



Matrix R Click

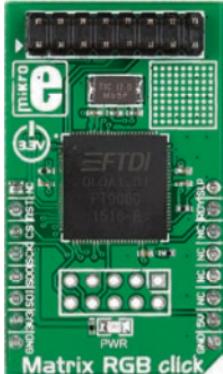
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Matrix text display with two red 5x7 matrices and two MAX7219 8-bit LED display drivers.

MSRP - \$29⁰⁰

MIKROE-2245



Matrix RGB Click

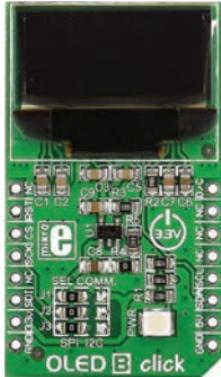
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Powered by a 32-bit FT900 MCU designed specifically for powering 16x32 RGB LED matrices.

MSRP - \$24⁰⁰

MIKROE-2239



OLED B Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a 96 x 39px blue monochrome passive matrix OLED display and SSD1306 controller.

MSRP - \$24⁰⁰

MIKROE-1650



OLED C Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With PSP27801 OLED display and SSD1351 OLED driver with controller. Various color support.

MSRP - \$29⁰⁰

MIKROE-1585



OLED Switch Click

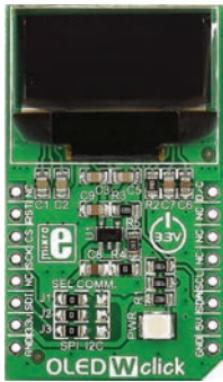
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With NKK Switch IS-C15ANP4 that combines a switch and a full color organic LED display.

MSRP - \$99⁰⁰

MIKROE-2449

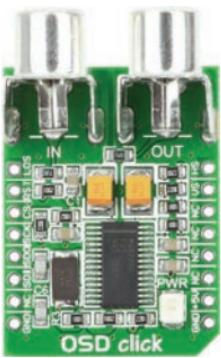


OLED W Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries a 96x39px white monochrome passive matrix OLED display.

MSRP – \$24⁰⁰
MIKROE-1649



OSD Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With MAX7456 single-channel monochrome OSD module with integrated EEPROM memory.

MSRP – \$35⁰⁰
MIKROE-1366

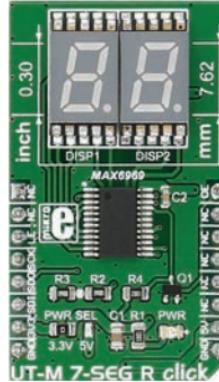


UT-L 7-SEG R Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With two SMD ultra-thin LED 7-SEG displays and MAX6969 constant-current LED driver.

MSRP – \$44⁰⁰
MIKROE-2034



UT-M 7-SEG R Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Add a double 7 segment display to your next project. RED emitting color.

MSRP – \$20⁰⁰
MIKROE-2746

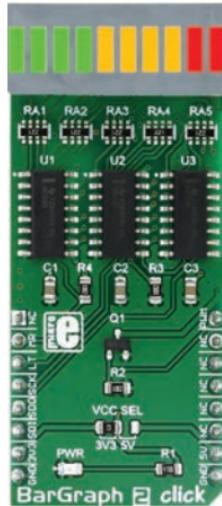


UT-S 7-SEG R Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

For displaying characters on two 7 segment displays. RED emitting color.

MSRP – \$20⁰⁰
MIKROE-2840



BarGraph 2 Click

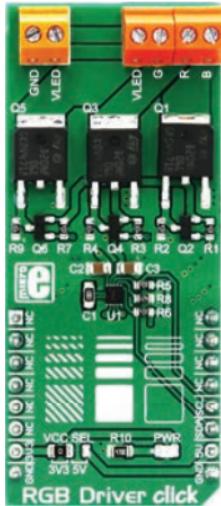
5V 3.3V SPI I2C

UART GPIO PWM AN

The 74HC595, 8-bit serial-in, parallel-out shift registers with output latches.

MSRP - \$19⁰⁰

MIKROE-3021



RGB Driver Click

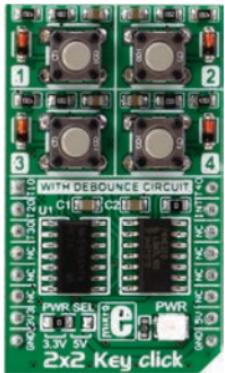
5V 3.3V SPI I2C

UART GPIO PWM AN

The NCP5623B, a triple output RGB LED driver, controlled via the I2C interface, from ON Semiconductors.

MSRP - \$15⁰⁰

MIKROE-3078



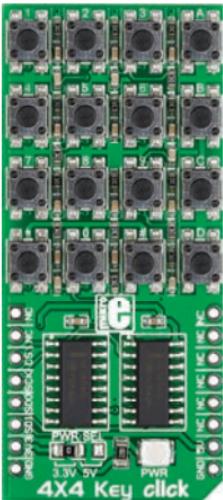
2x2 Key Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The Click has a 4 button keypad. It allows multiple key presses and has a debounce circuit.

MSRP - \$9⁰⁰
MIKROE-2152



4x4 Key Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries a 16 button keypad. Allows for multiple key presses at the same time.

MSRP - \$11⁰⁰
MIKROE-1889



Button G Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A single pushbutton - transparent, 6.8mm in diameter, with a green LED backlight.

MSRP - \$9⁰⁰
MIKROE-2040



Button R Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A single pushbutton - transparent, 6.8mm in diameter, with a red LED backlight.

MSRP - \$9⁰⁰
MIKROE-1901



Cap Extend Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SX8633, capacitive button touch controller. 12 pins for connecting capacitive inputs.

MSRP - \$18⁰⁰
MIKROE-2238



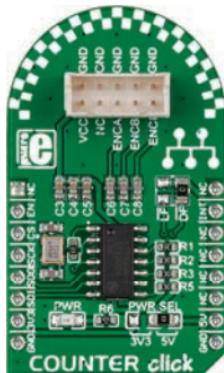
CapSense Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Capacitive sensing module. Input- human body capacitance, output - the real time sensor information.

MSRP - \$16⁰⁰
MIKROE-1446



COUNTER Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Counter Click carries an LS7366R 32-bit quadrature counter.

MSRP - \$25⁰⁰
MIKROE-1917



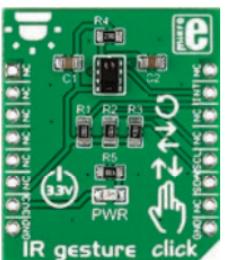
Fingerprint Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Solution for adding biometric security to your design.

MSRP - \$55⁰⁰
MIKROE-1722



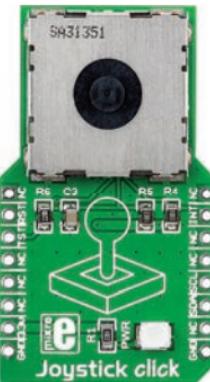
IR gesture Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Enables contactless gesture recognition. With ambient light and proximity sensing capabilities.

MSRP - \$16⁰⁰
MIKROE-2086



Joystick Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A smart navigation key concept based on contactless, magnetic movement detection.

MSRP - \$22⁰⁰
MIKROE-1506

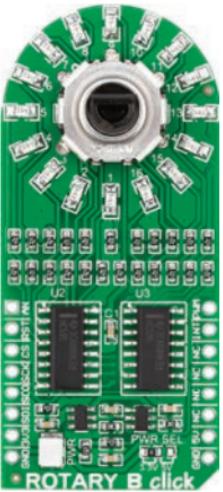


Keylock Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries a processed sealed key lock mechanism that can be set in 3 different positions.

MSRP – \$25⁰⁰
MIKROE-2564

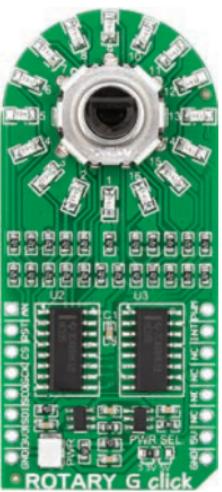


ROTARY B Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With a 15-pulse incremental rotary encoder with detents, surrounded by a ring of 16 blue LEDs.

MSRP – \$12⁰⁰
MIKROE-1824

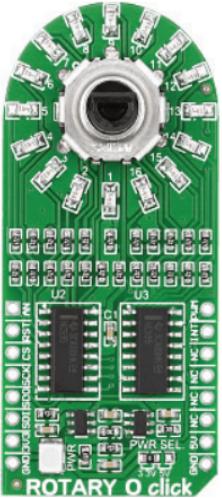


ROTARY G Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With a 15-pulse incremental rotary encoder with detents, surrounded by a ring of 16 green LEDs.

MSRP – \$12⁰⁰
MIKROE-1822

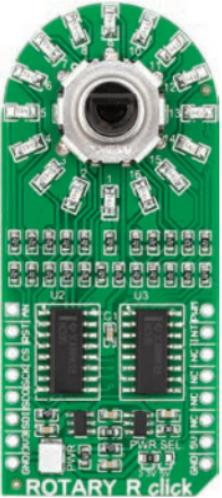


ROTARY O Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With a 15-pulse incremental rotary encoder with detents, surrounded by a ring of 16 orange LEDs.

MSRP – \$12⁰⁰
MIKROE-2380

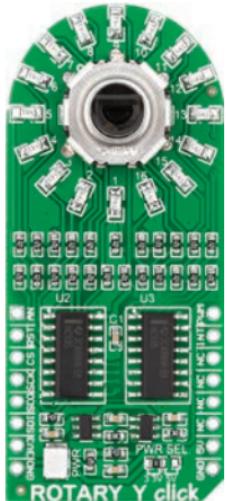


ROTARY R Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With a 15-pulse incremental rotary encoder with detents, surrounded by a ring of 16 red LEDs.

MSRP – \$12⁰⁰
MIKROE-1823



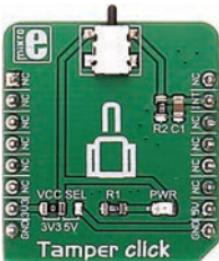
ROTARY Y Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a 15-pulse incremental rotary encoder with detents, surrounded by a ring of 16 yellow LEDs.

MSRP - \$12⁰⁰
MIKROE-1825



Tamper Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with SDS001, a low profile side-actuated detect switch.

MSRP - \$9⁰⁰
MIKROE-2551



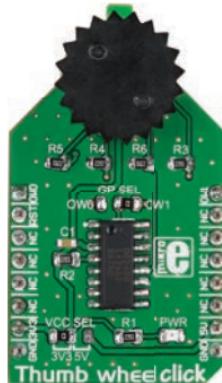
Tamper 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Levered D2HW-A221D switch. Outputs signal in both positions - pressed and released.

MSRP - \$15⁰⁰
MIKROE-2552



Thumb wheel Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a 10-position rotary sprocket connected to a 1-Wire 8-Channel Addressable Switch.

MSRP - \$29⁰⁰
MIKROE-2366



TouchClamp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With NXP's MPR121 proximity capacitive touch sensor controller. 7 plated holes for clamps.

MSRP - \$9⁰⁰
MIKROE-2294



Touchpad Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Capacitive touch input device driven by Microchip's MTCH6102 controller.

MSRP - \$15⁰⁰
MIKROE-1995



Thumbstick Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A high precision input device with a dual axis, spring return and push-button enabled joystick.

MSRP - \$20⁰⁰
MIKROE-1627



Cap Extend 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With four capacitive sensor pads that can sense touch through a variety of different materials.

MSRP - \$16⁰⁰
MIKROE-2474



Cap Touch Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A capacitive touch sensing button, integrated on a Click board™.

MSRP - \$16⁰⁰
MIKROE-2888



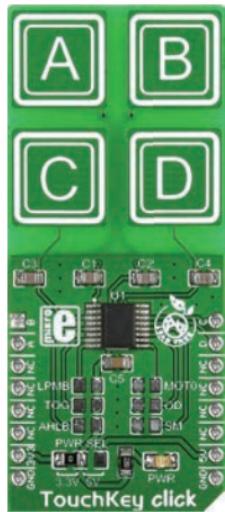
Cap Touch 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A capacitive touch sensing button, which features the CAP1166.

MSRP - \$15⁰⁰
MIKROE-2964



TouchKey Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It has four capacitive pads powered by Microchip's TTP224, a touch-pad detector IC.

MSRP – \$12⁰⁰
MIKROE-1906



TouchKey 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 4 capacitive pads powered by Microchip's ATtiny817. Integrated touch QTouch™ controller.

MSRP – \$16⁰⁰
MIKROE-2474



TouchKey 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with advanced capacitive sensors, based on the proprietary QTouch™ technology.

MSRP – \$19⁰⁰
MIKROE-2405



TouchKey 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A capacitive touch sensing button, with the advanced touch/proximity sensor IC.

MSRP – \$15⁰⁰
MIKROE-2965



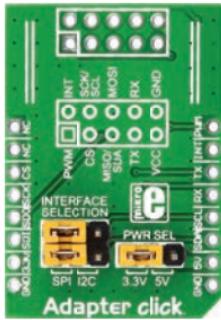
Skywire™ Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Adapter Click, which hosts NimbeLink/Skywire™ cellular modems (using stacking headers).

MSRP – \$19⁰⁰
MIKROE-2405



Adapter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Simplifies connection of the add-on boards with IDC10 headers to mikroBUS™ socket.

MSRP – \$6⁵⁰
MIKROE-1432



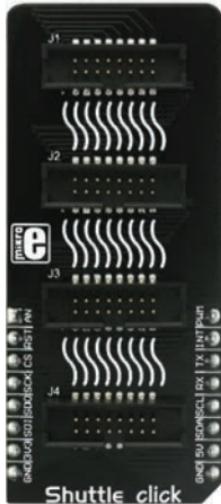
Riverdi Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

An adapter for connecting Riverdi TFT displays to a mikroBUS™ socket.

MSRP – \$9⁰⁰
MIKROE-2100



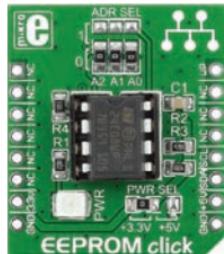
Shuttle Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The mikroBUS™ socket expansion board, which allows stacking up to four Click boards™.

MSRP – \$8⁰⁰
MIKROE-2880



EEPROM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 24C08WP - a highly reliable, high performance CMOS technology serial 8K EEPROM.

MSRP - \$8⁰⁰
MIKROE-1200



EEPROM 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With M95M02-DR DIP-8 socket EEPROM chip with 256 KB of memory from STMicroelectronics.

MSRP - \$18⁰⁰
MIKROE-1909



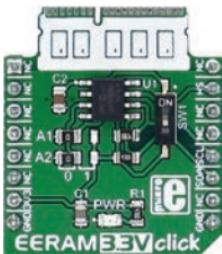
EEPROM 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With AT24CM02 DIP-8 socket EEPROM chip with 256 KB of memory from Microchip.

MSRP - \$14⁰⁰
MIKROE-1989



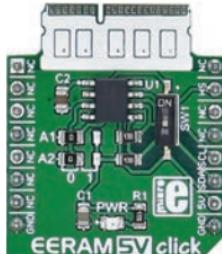
EERAM 3.3V Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 47L16 EERAM, a 16Kbit SRAM with EEPROM Backup from Microchip.

MSRP - \$14⁰⁰
MIKROE-2728



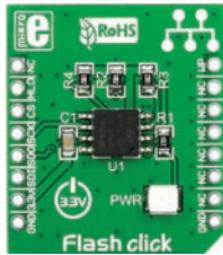
EERAM 5V Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 47C16 EERAM, a 16Kbit SRAM with EEPROM Backup from Microchip.

MSRP - \$14⁰⁰
MIKROE-2729



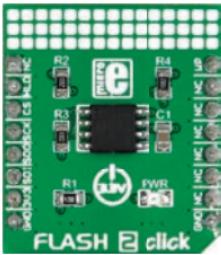
Flash Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With EN25Q80B - 8Mb serial Flash memory module. Clock frequency up to 75MHz.

MSRP - \$10⁰⁰
MIKROE-1199



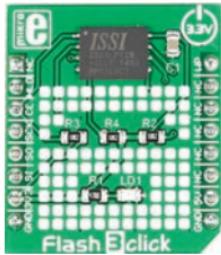
Flash 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries Microchip's SST26VF064B flash-memory module with 64 Mbits capacity.

MSRP - \$12⁰⁰
MIKROE-2267



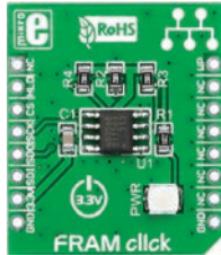
Flash 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With ISSI's IS25LP128 IC with 128 Mbit capacity. 50MHz at Normal, 133MHz at Fast Read speeds.

MSRP - \$12⁰⁰
MIKROE-2374



FRAM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

256K [32,768 words x 8 bits] of Ferroelectric Random Access Memory with MB85RS256A module.

MSRP - \$15⁰⁰
MIKROE-1486



FRAM 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With CY15B104Q 4-Mbit [512K x 8] serial F-RAM from Cypress. 100 trillion [10¹⁴] read/writes.

MSRP - \$19⁰⁰
MIKROE-2768



MAC Address Click

5V 3.3V SPI I²C

UART GPIO PWM AN

A unique node address. Carries 24AA025E64 2Kb Serial EEPROM with EUI-64™ node identity.

MSRP - \$9⁰⁰
MIKROE-2733



microSD Click

5V 3.3V SPI I²C

UART GPIO PWM AN

With a microSD card slot for microSD cards used as a mass storage media for portable devices.

MSRP - \$16⁰⁰
MIKROE-924



Secure Click

5V 3.3V SPI I²C

UART GPIO PWM AN

With ATECC508A cryptographic coprocessor with secure hardware-based key storage.

MSRP - \$9⁰⁰
MIKROE-2522



Secure 2 Click

5V 3.3V SPI I²C

UART GPIO PWM AN

Microchip's ATAES132A, a cryptographic coprocessor with secure hardware-based key storage.

MSRP - \$9⁰⁰
MIKROE-2760



Secure 3 Click

5V 3.3V SPI I²C

UART GPIO PWM AN

Microchip's ATSHA204A, a cryptographic coprocessor with secure hardware-based key storage.

MSRP - \$9⁰⁰
MIKROE-2761



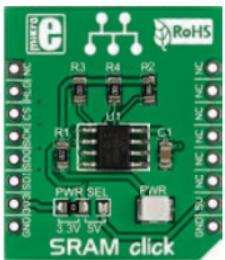
Secure 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Includes the ATECC608A, a secure CryptoAuthentication™ device from Microchip.

MSRP - \$9⁰⁰
MIKROE-2829



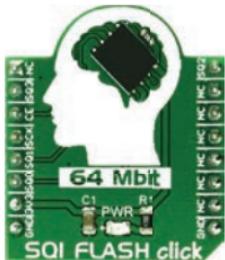
SRAM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Provides 1 Mbit of additional SRAM memory, via Microchip's 23LC1024.

MSRP - \$15⁰⁰
MIKROE-1902



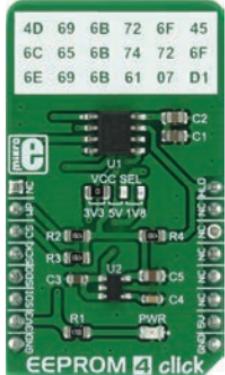
SQI FLASH Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Based on the SST-26VF064B, a 64 Mbit Serial Quad I/O flash device from Microchip.

MSRP - \$13⁰⁰
MIKROE-2828



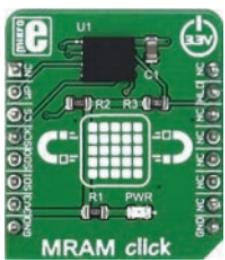
EEPROM 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

An EEPROM memory medium with the capacity of 256KB.

MSRP - \$15⁰⁰
MIKROE-2536



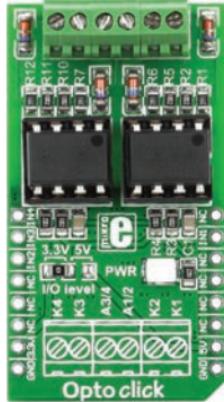
MRAM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MR25H256, a 256 kilobits serial SPI MRAM memory module from Everspin company.

MSRP - \$18⁰⁰
MIKROE-2914

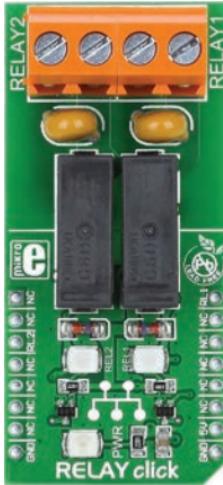


Opto Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

It features two V02630 dual channel, high speed optocoupler modules.

MSRP - \$21⁰⁰
MIKROE-1196

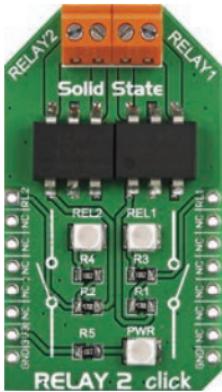


RELAY Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With two G6D1AA-SI-5DC power PCB relay modules. Controls up to 5A, 250V AC/30V DC loads.

MSRP - \$18⁰⁰
MIKROE-1370

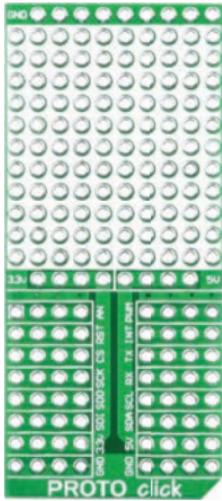


Relay 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Carries two LCA717 single-pole, OptoMOS® solid state relays.

MSRP - \$26⁰⁰
MIKROE-1899



PROTO Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

10x11 prototyping area and additional power pads for creating custom electronics or Click boards™.

MSRP - \$4⁵⁰
MIKROE-1507

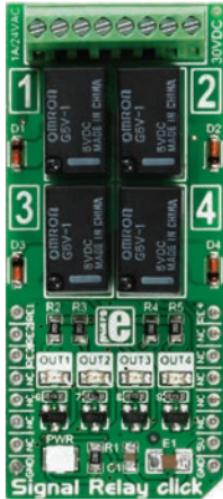


FLICKER Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

TI's NA556 dual precision timer and Omron's G6D-ASI power PCB relay. ON/OFF 0.1-6 sec.

MSRP - \$19⁰⁰
MIKROE-2481



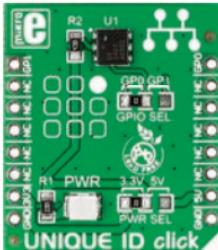
Signal Relay Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries four ultra-small GV5-1 PCB relays from Omron. For ON/OFF control.

MSRP – \$29⁰⁰
MIKROE-2154



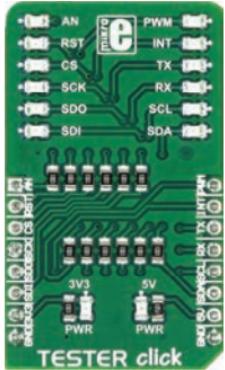
UNIQUE ID Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With DS2401 enhanced silicon serial number IC. Provides a unique registration number.

MSRP – \$9⁰⁰
MIKROE-1819



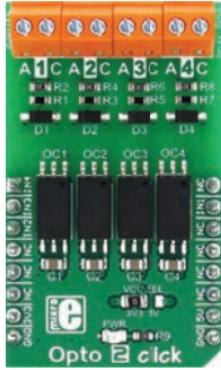
TESTER Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

An ideal solution for testing and diagnostics of the mikroBUS™ socket pin states.

MSRP – \$6⁰⁰
MIKROE-3083



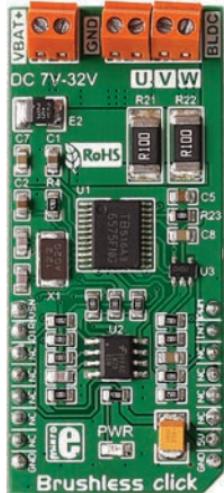
Opto 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses four TLP2770, 20-Mbps low-power optocouplers, from Toshiba.

MSRP – \$25⁰⁰
MIKROE-3015



Brushless Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Toshiba's TB6575F-NG IC for driving 3-phase full-wave Brushless DC motors.

MSRP - \$39⁰⁰
MIKROE-2441



Brushless 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It carries TI's DRV10964 BLDC motor controller with an integrated output stage.

MSRP - \$26⁰⁰
MIKROE-2754



Brushless 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TI's DRV10983 three-phase sensorless motor driver with integrated power MOSFETs.

MSRP - \$19⁰⁰
MIKROE-2766



DC MOTOR Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Toshiba's TB6593F-NG driver IC for direct current motors. Motors' supply voltage 2.5V-13V.

MSRP - \$18⁰⁰
MIKROE-1526



DC MOTOR 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Toshiba's TB6593F-NG driver IC for direct current motors. Motors' supply voltage 2.5V-13V.

MSRP - \$17⁰⁰
MIKROE-2699



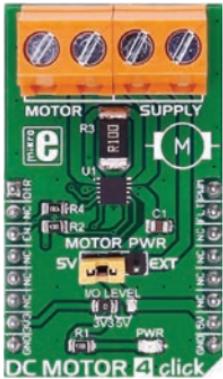
DC MOTOR 3 Click

5V 3.3V SPI I2C

UART: GPIO: PWM: AN

With Toshiba's TB-6549FG full-bridge driver for direct current motors. Up to 3.5A with 30V.

MSRP - \$19⁰⁰
MIKROE-2047



DC MOTOR 4 Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
With MAX14870 motor driver from Maxim Integrated. Motors' voltage supply 4.5V-36V.

MSRP - \$15⁰⁰
MIKROE-2221



DC MOTOR 5 Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
With TI's DRV8701 brushed DC motor full-bridge gate driver. Operating voltage supply 5.9V-45V.

MSRP - \$17⁰⁰
MIKROE-2699



Fan Click

5V 3.3V SPI I2C

With EMC2301 controller for powering and regulating the operation of 5V four-wire fans.

MSRP - \$9⁹⁰
MIKROE-2004

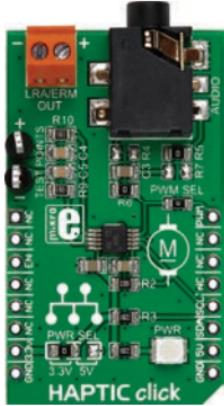


Fan 2 Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
With MAX31760 precision fan-speed controller. Can control two fans at the same time.

MSRP - \$15⁰⁰
MIKROE-2708



HAPTIC Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With DRV2605 Haptic Driver for ERM and LRA vibration motors. Over 100 haptic effects library.

MSRP - \$23⁰⁰
MIKROE-2025



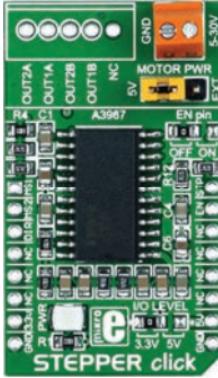
PWM driver Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Silicon Labs' Si8711CC one-channel isolator for controlling DC motors with loads up to 10A.

MSRP - \$14⁰⁰
MIKROE-2272



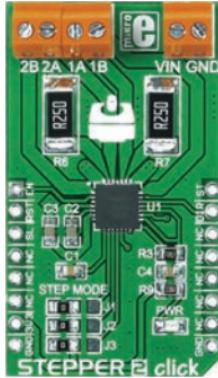
STEPPER Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With A3967SLBT microstepping motor driver with a built-in translator. Max. output drive 30V, ± 500 mA.

MSRP - \$18⁰⁰
MIKROE-1528



STEPPER 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With A4988 microstepping motor driver. Required external power supply minimum 7V.

MSRP - \$19⁰⁰
MIKROE-1926



STEPPER 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TI's ULN2003 High-Current Darlington transistor array. For precise motor control.

MSRP - \$19⁰⁰
MIKROE-2035

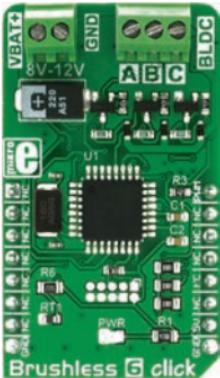


STEPPER 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With TB67S269FTG two-phase bipolar stepping motor driver from Toshiba.



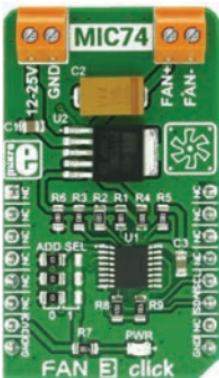
Brushless 6 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Designed to drive a three-phase sensorless, brushless motor. With ATmega8A from Microchip.

MSRP - \$27⁰⁰
MIKROE-2847



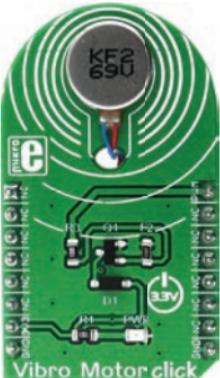
Fan 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Perfect solution for speed control. It can operate in seven discrete speed steps.

MSRP - \$17⁰⁰
MIKROE-2841



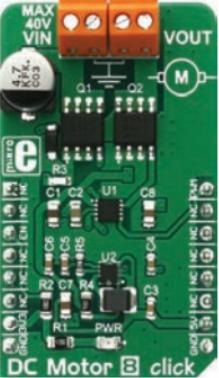
Vibro Motor Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features a compact size Eccentric Rotating Mass (ERM) motor, labeled as C1026B002F.

MSRP - \$12⁰⁰
MIKROE-2826



DC Motor 8 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The MIC4605, 85V half-bridge MOSFET driver with adaptive dead time and shoot-through protection.

MSRP - \$18⁰⁰
MIKROE-2893



Stepper 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

MTS62C19A Dual Full-Bridge Motor Driver, MCP23S08 8bit I/O Expander with Serial Interface.

MSRP - \$17⁰⁰
MIKROE-2912



H-Bridge Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MC34933, a dual H-bridge driver, from NXP.

MSRP - \$16⁰⁰
MIKROE-3031



H-Bridge 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MPC17510, an H-Bridge DC motor driver, with up to 15V and 1.2A, from NXP.

MSRP - \$18⁰⁰
MIKROE-3000



Brushless 4 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The MCP8063, a 3 phase brushless sinusoidal sensorless motor driver, from Microchip.

MSRP - \$19⁰⁰
MIKROE-3019



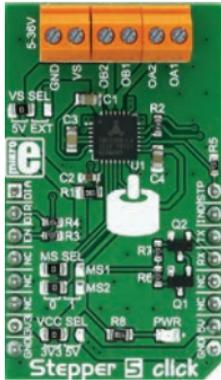
Brushless 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the A4941, a three-phase sensorless fan driver IC, made by Allegro MicroSystems LLC.

MSRP - \$19⁰⁰
MIKROE-3032



Stepper 5 Click

5V | 3.3V | SPI | I2C

UART : GPIO : PWM : AN

Uses the TM2208, a highly integrated bipolar step motor power driver, with the UART interface.

MSRP - \$17⁰⁰

MIKROE-2624



Driver Click

5V 3.3V SPI I2C

UART: **GPIO**: PWM: AN

The DRV777, an integrated motor and relay driver from Texas Instruments.

MSRP - \$13⁰⁰

MIKROE-3109



2x20W Amp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MAX9744 stereo class D audio power amplifier from Maxim Integrated.

MSRP - \$21⁰⁰
MIKROE-2779



2x5W AMP Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Functions as an amplifier. With TI's LM48100Q-Q1 Boomer™ Mono, 1.3W class-D audio amplifier.

MSRP - \$19⁰⁰
MIKROE-2477



AudioAmp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A mono audio amplifier. With TI's LM48100Q-Q1 Boomer™ Mono, 1.3W Audio Power Amplifier IC.

MSRP - \$14⁰⁰
MIKROE-2368



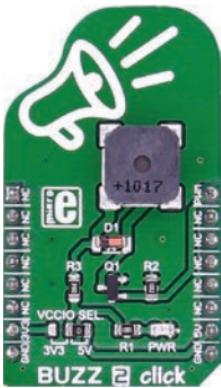
BUZZ Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features a piezo speaker capable of emitting audio signals. Resonant frequency 3.8 kHz.

MSRP - \$9⁰⁰
MIKROE-945



BUZZ 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With CMT-8540S-SMT magnetic buzzer transducer. The buzzer's resonant frequency is 4 kHz.

MSRP - \$12⁰⁰
MIKROE-2720



StereoAmp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 2 TI's LM48100Q-Q1 Boomer™ single supply, mono, bridge-tied load amplifier ICs.

MSRP – \$24⁰⁰
MIKROE-2454



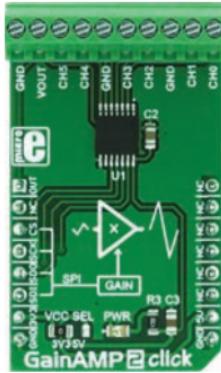
TextToSpeech Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With S1V30120 speech synthesis IC powered by the Fonix DECTalk® v5 speech synthesis engine.

MSRP – \$39⁰⁰
MIKROE-2253



GainAMP 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A 6-channel programmable gain amplifier. Amplifies up to 32x, in eight discrete steps.

MSRP – \$15⁰⁰
MIKROE-2859



RadioStation Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With the Si4713-B30, the best in class integrated FM broadcast stereo transmitter.

MSRP – \$25⁰⁰
MIKROE-2822



Noise Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With noise detecting circuitry. Enables you to set a noise detection threshold.

MSRP – \$29⁰⁰
MIKROE-2371



FM Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features Si4703 IC and functions as a FM radio tuner. Supports worldwide FM band [76-108 MHz].

MSRP - \$29⁰⁰
MIKROE-1431



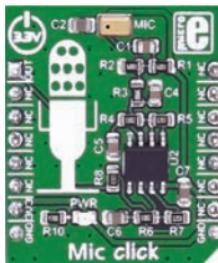
GainAmp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries LTC[®]6912 dual channel, low noise, digitally programmable gain amplifier (PGA).

MSRP - \$15⁰⁰
MIKROE-2555



Mic Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With SPQ0410HR5H-B surface mount silicon microphone with max. RF protection.

MSRP - \$9⁰⁰
MIKROE-2563



MP3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With a stereo MP3 decoder VS1053. Multiple formats [MP3, MP1, MP2, MPEG4, etc.].

MSRP - \$21⁹⁰
MIKROE-946



2x30W Amp Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The TPA3128, 2x30-W class-D amplifier with low idle power dissipation, from TI.

MSRP - \$23⁹⁰
MIKROE-3010



AudioAmp 2 Click

5V 3.3V SPI I2C

UART: **GPIO**: PWM: AN

The TDA7491, a 20W dual BTL class-D audio amplifier IC, from STMicroelectronics.

MSRP - \$21⁰⁰

MIKROE-3077



SpeakUp Click

5V : 3.3V : SPI : I2C

UART GPIO PWM AN

A speech recognition
Click. Can recognize
over 200 different
voice commands.

MSRP - \$39⁰⁰

MIKROE-1534



SpeakUp 2 Click

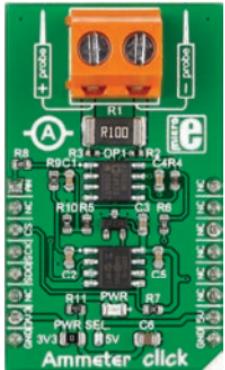
5V 3.3V SPI I2C

UART | GPIO | PWM | AN

A speech recognition
Click. Set it up to
recognize up to 100
commands.

MSRP - \$34⁰⁰

MIKROE-2375



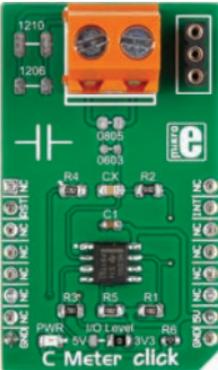
Ammeter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With circuitry for measuring electric current [AC and DC]. 0.1A-1A measurement range.

MSRP - \$24⁰⁰
MIKROE-2377



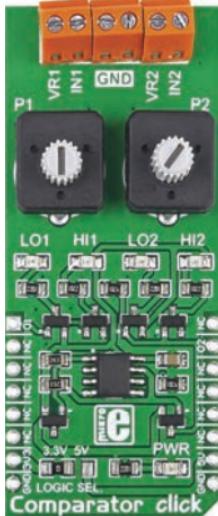
C Meter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Circuitry for measuring the value of capacitors. Based on NE-555 timer/square-wave generator.

MSRP - \$9⁰⁰
MIKROE-2376



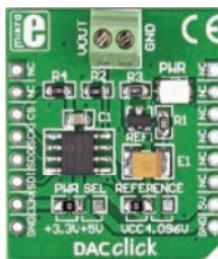
Comparator Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries LM2903 IC, has two independent precision voltage comparators. 2 mV offset voltage.

MSRP - \$12⁰⁰
MIKROE-1915



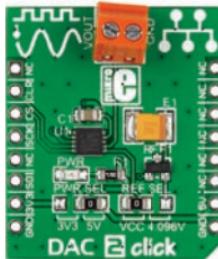
DAC Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Includes a 12-bit Digital-to-Analog Converter MCP4921 from Microchip.

MSRP - \$18⁰⁰
MIKROE-950



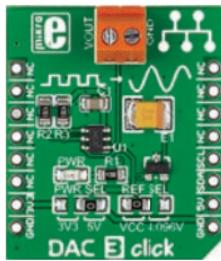
DAC 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries LTC2601CDD, a 16-bit digital-to-analog converter from Linear Technology.

MSRP - \$19⁰⁰
MIKROE-1918



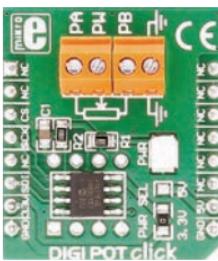
DAC 3 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries Microchip's MCP4726 IC, a 12-bit digital-to-analog converter.

MSRP - \$18⁹⁰
MIKROE-2038



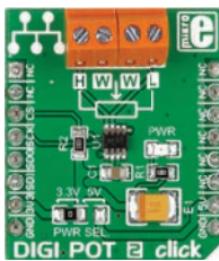
DIGI POT Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries MCP4161 single-channel 8-bit resolution (256 wiper steps) digital potentiometer.

MSRP - \$16⁹⁰
MIKROE-923



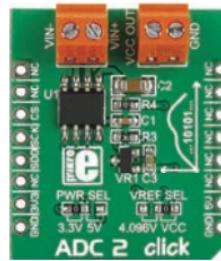
DIGI POT 2 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries a single channel digital potentiometer TPL0501 with 256 wiper positions.

MSRP - \$16⁹⁰
MIKROE-2332



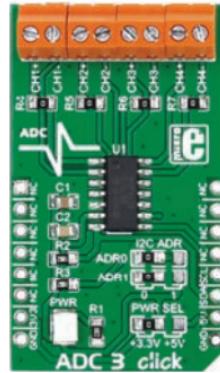
ADC 2 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With MCP3551/3, a 22-bit ADC with automatic internal offset and gain calibration.

MSRP - \$24⁰⁰
MIKROE-1893



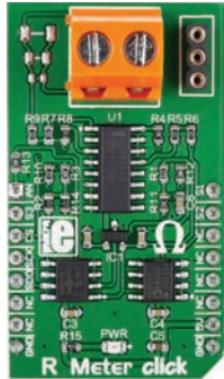
ADC 3 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With Microchip's MCP3428 16-bit multichannel analog-to-digital converter.

MSRP - \$22⁰⁰
MIKROE-1894



R Meter Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With circuitry for measuring the value of resistors. A wide range of resistors [0-1 Mega Ohm].

MSRP - \$27⁰⁰
MIKROE-2396



Voltmeter Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

For measuring voltage in an external electric circuit. Measures direct current [from 0 to 24V].

MSRP - \$24⁰⁰
MIKROE-2436

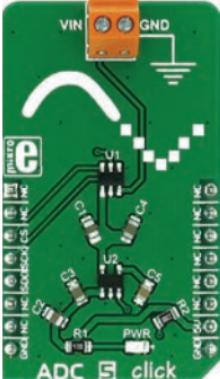


ADC 4 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

An advanced analog to digital multichannel converter. It can work in 16bit or 24bit mode.

MSRP - \$65⁰⁰
MIKROE-2879



ADC 5 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

With a low power, single channel 12-bit CMOS analog to digital converter.

MSRP - \$18⁰⁰
MIKROE-2876

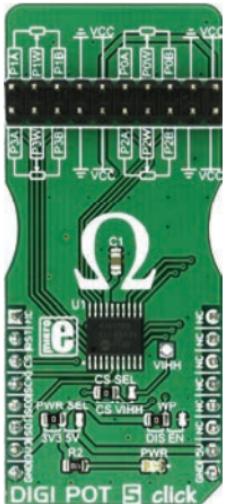


DIGI POT 4 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

A digitally controlled dual potentiometer, with the resistance of 10KΩ.

MSRP - \$21⁰⁰
MIKROE-2873



DIGI POT 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A digitally controlled quad potentiometer, with the resistance of 10KΩ.

MSRP – \$16⁹⁰

MIKROE-2863



PIXI™ Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features proprietary PIXI™ technology. Configurable 20-channel mixed-signal data converter.

MSRP – \$29⁰⁰

MIKROE-2817



Slider Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features a mechanical slide action potentiometer.

MSRP – \$24⁰⁰

MIKROE-2702



LEM Click

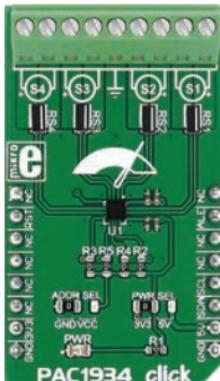
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measures AC and DC current [up to 200 KHz]. With LTS 6-NP current transducer.

MSRP – \$59⁰⁰

MIKROE-2553



PAC1934 Click

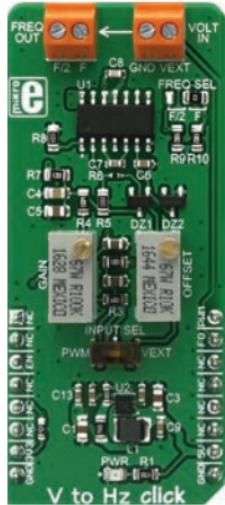
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries PAC1934 four channel DC power/energy monitor from Microchip.

MSRP – \$29⁰⁰

MIKROE-2735



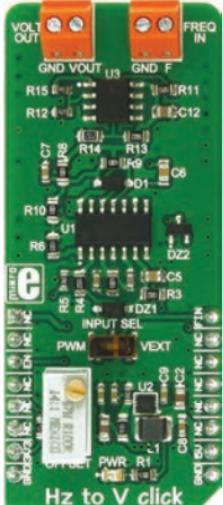
V to Hz Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The TC9400, a voltage-to-frequency and frequency-to-voltage converter from Microchip.

MSRP - \$27⁰⁰
MIKROE-2889



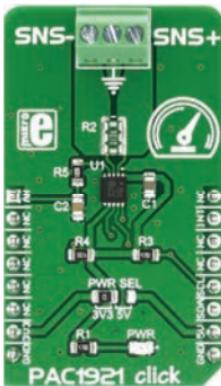
Hz to V Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The TC9400, a voltage-to-frequency and frequency-to-voltage converter from Microchip.

MSRP - \$27⁰⁰
MIKROE-2890



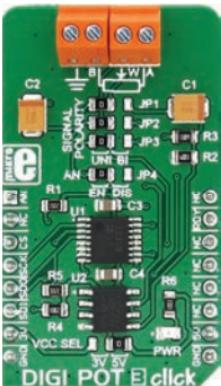
PAC1921 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The PAC1921, a high-side power/current monitor from Microchip.

MSRP - \$17⁰⁰
MIKROE-2910



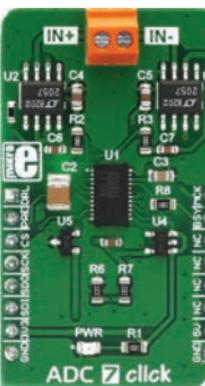
DIGI POT 3 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The AD5321, a 1024-position [10bit] digital potentiometer with a non-volatile memory [EEMEM].

MSRP - \$21⁰⁰
MIKROE-3016



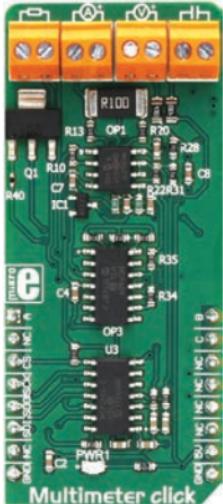
ADC 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The LTC2500-32. It is a 32-bit oversampling ADC with a configurable digital filter, from Analog Devices.

MSRP - \$99⁰⁰
MIKROE-3115



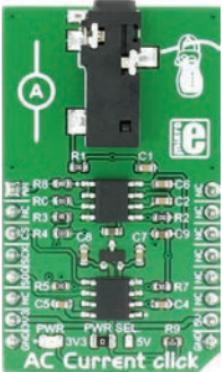
Multimeter Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Has different ICs: amplifiers, NE555 timer, BCD decoder, frequency to voltage converter, and an A/D converter (ADC).

MSRP - \$39⁰⁰
MIKROE-3116



AC Current Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Measure alternating currents up to 30A. MCP3201 ADC converter and MCP607 CMOS Op Amp.

MSRP - \$14⁰⁰
MIKROE-2523



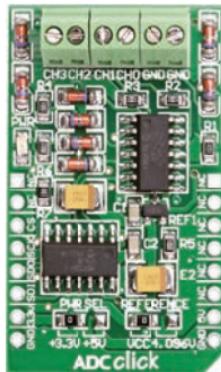
ADAC Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

It's an 8-channel 12-bit ADC, DAC and GPIO. With AD5593R configurable ADC/DAC.

MSRP - \$26⁰⁰
MIKROE-2690



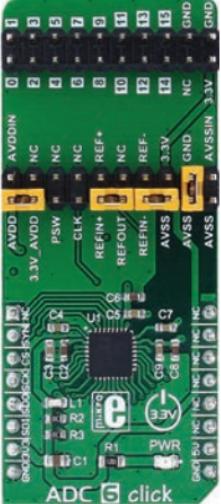
ADC Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With Microchip's MCP3204 12-bit Analog-to-Digital converter.

MSRP - \$24⁰⁰
MIKROE-922



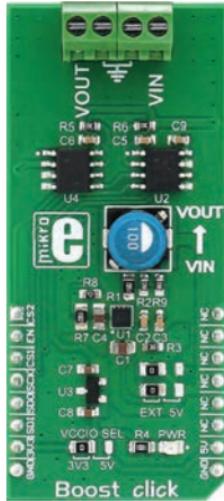
ADC 6 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With the AD7124-8, an 8 channel, low noise, low power, 24bit sigma-delta ADC.

MSRP - \$29⁰⁰
MIKROE-2932



Boost Click

5V | 3.3V | SPI | I2C
UART | GPIO | PWM | AN

Carries Microchip's
MIC2606, a 2MHz, PWM
DC/DC boost switching
regulator.

MSRP - \$21⁰⁰
MIKROE-2780



BOOST 2 Click

5V | 3.3V | SPI | I2C
UART | GPIO | PWM | AN

A DC-DC step-up
regulator that has a
fixed 5V output.

MSRP - \$15⁰⁰
MIKROE-2894

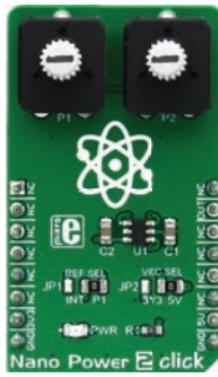


Boost 4 Click

5V | 3.3V | SPI | I2C
UART | GPIO | PWM | AN

Carries TI's TPS61230A,
a high efficiency fully
integrated synchronous
boost converter.

MSRP - \$17⁰⁰
MIKROE-2757

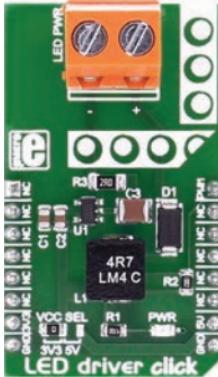


Nano Power 2 Click

5V | 3.3V | SPI | I2C
UART | GPIO | PWM | AN

The MAX40000AUT12+,
a nanoPower com-
parator with built-in
reference.

MSRP - \$11⁰⁰
MIKROE-3036

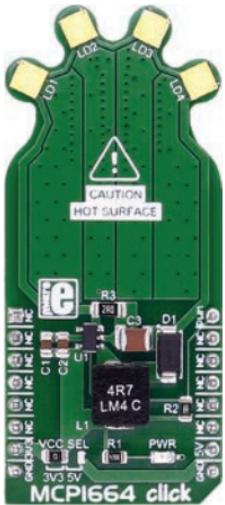


LED driver Click

5V | 3.3V | SPI | I2C
UART | GPIO | PWM | AN

Carries
MCP1662 high-voltage
step-up voltage driver
from Microchip.

MSRP - \$15⁰⁰
MIKROE-2676



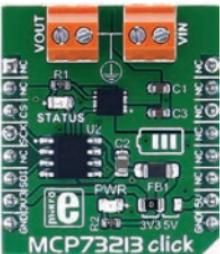
MCP1664 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

With 4 high-power white LEDs. Carries Microchip's MCP1664, a high-voltage step-up LED driver.

MSRP - \$26⁰⁰
MIKROE-2548



MCP73213 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MCP73213 dual-cell Li-Ion/Li-Polymer battery charge management controller.

MSRP - \$18⁰⁰
MIKROE-2575



MIC23099 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MIC23099 single AA/AAA cell step-down/step-up regulator with battery monitoring.

MSRP - \$29⁰⁰
MIKROE-2765



MIC24045 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries MIC24045 5A synchronous step-down regulator. Input range 4.5V-19V.

MSRP - \$13⁰⁰
MIKROE-2574



VREG Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Digitally controlled DC voltage regulator. Based on the well-known LM317 circuit.

MSRP - \$24⁰⁰
MIKROE-2443



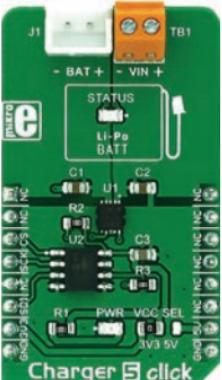
Buck-Boost click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Features LTC3129-1, a buck-boost DC/DC conversion integrated circuit.

MSRP - \$20⁰⁰
MIKROE-2806



Charger 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Designed to charge Lithium-Ion and Lithium-Polymer batteries.

MSRP - \$16⁰⁰
MIKROE-2848



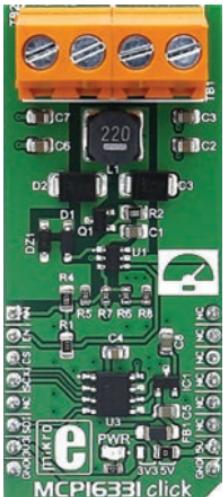
LED driver 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries the MCP1643 - LED constant current regulator, made by Microchip.

MSRP - \$15⁰⁰
MIKROE-2807



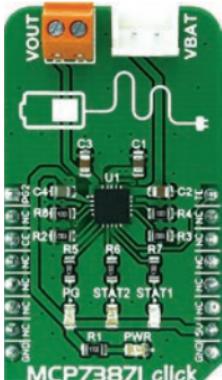
MCP16331 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Functions as a non-inverting buck-boost voltage regulator.

MSRP - \$22⁰⁰
MIKROE-2762



MCP73871 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Integrated solution for system power delivery and Li-Po/Li-Ion battery charge management.

MSRP - \$16⁰⁰
MIKROE-2858



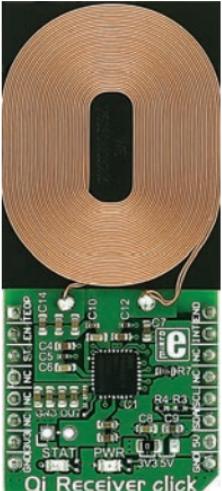
MIC24055 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Equipped with the MIC24055, high-efficiency buck regulator from Microchip.

MSRP - \$29⁰⁰
MIKROE-2835



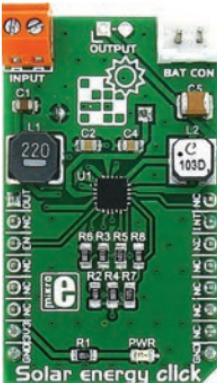
Qi Receiver Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Utilizes the principles of the inductive coupling for the purpose of wireless power transfer.

MSRP - \$18⁰⁰
MIKROE-2799



Solar energy Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses TI's BQ25570 - a nano-power high-efficiency boost charger and buck converter device.

MSRP - \$27⁰⁰
MIKROE-2814



MIC33153 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

A DC-DC adjustable step-down (buck) converter.

MSRP - \$21⁰⁰
MIKROE-2887



VREG 2 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the LM2596, a 3A, step down voltage regulator working at 150 kHz, from Texas Instruments.

MSRP - \$21⁰⁰
MIKROE-3055

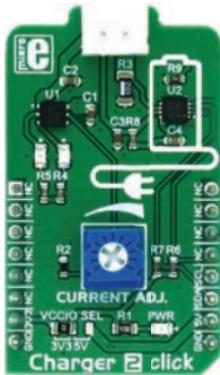
**BATT-MAN Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The LTC3586, a high-efficiency power manager with boost, buck-boost, and dual buck converters.

MSRP - \$27⁰⁰
MIKROE-2901

**Charger 2 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The STBC08, an 800 mA standalone linear Li-Ion battery charger with thermal regulation.

MSRP - \$17⁰⁰
MIKROE-3049

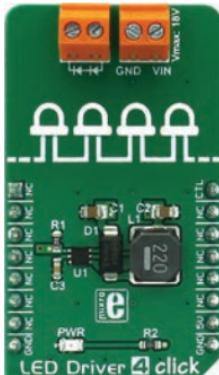
**MCP16331 INV Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Works in an inverting configuration, provides a negative output voltage in respect to the GND.

MSRP - \$22⁰⁰
MIKROE-2917

**LED Driver 4 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The TPS61160A, a white LED driver with PWM brightness control.

MSRP - \$15⁰⁰
MIKROE-3037

**LED Driver 3 Click**

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The NCP5623B, a triple output RGB LED driver, controlled through the I2C protocol.

MSRP - \$15⁰⁰
MIKROE-2950



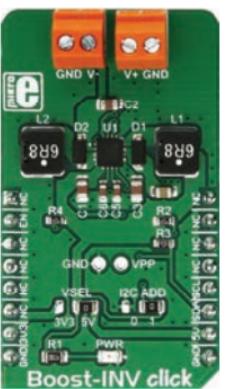
Buck-Boost 2 Click

5V 3.3V SPI I2C

UART: GPIO: PWM: AN

The LTC3115-2, a 40V, 2A synchronous buck-boost DC/DC converter from Linear Technology.

MSRP - \$27⁰⁰
MIKROE-2963



Boost-INV Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
The LTC3582, programmable boost and inverting DC/DC converter with OTP memory.

MSRP - \$21⁰⁰
MIKR0E-3124

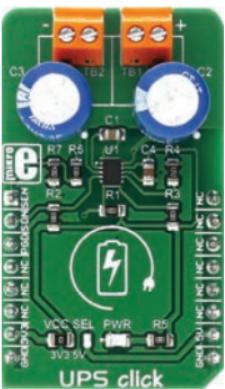


Boost-INV 2 Click

5V 3.3V SPI I2C

UART **GPIO**: PWM : AN
The TPS65131, a positive and negative output DC/DC Converter, from Texas Instruments.

MSRP - \$29⁰⁰
MIKROE-3123



UPS Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
The LTC3225, a 150mA
supercapacitor charger
from Linear Technol-
ogies.

MSRP - \$25⁰⁰
MIKROE-3001



Nano Power Click

5V 3.3V SPI I2C

UART | GPIO | PWM | AN
The MAX17222 - a
nanoPower synchronous
boost converter with True
Shutdown™ technology.

MSRP - \$11⁰⁰
MIKROE-3035



BUCK Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Buck switching regulator.
A wide input voltage
range of up to 40V. Steps
it down to 3.3V or 5V.

MSRP - \$28⁰⁰
MIKROE-1592



Buck 2 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

A powerful step down DC-DC switching regulator. Input voltage range 4.5V-19V.

MSRP - \$16⁰⁰
MIKROE-2858



Buck 3 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Uses the TPS568215, a 4.5V to 17V Input, 8A synchronous step-down SWIFT™ converter.

MSRP - \$22⁰⁰
MIKROE-2971

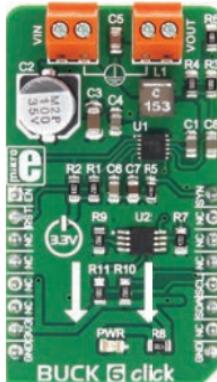


BUCK 5 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

The MAX17506, a high efficiency, synchronous step-down DC/DC converter with internal compensation.

MSRP - \$29⁰⁰
MIKROE-3100



BUCK 6 Click

5V	3.3V	SPI	I2C
UART	GPIO	PWM	AN

Uses the MAX17572, a step down (buck) DC-DC converter from Maxim Integrated.

MSRP - \$18⁰⁰
MIKROE-2957



BUCK 7 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The MAX17504, a high efficiency, synchronous step-down DC-DC converter with internal compensation.



Buck 8 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Uses the MAX17536, a high-efficiency, synchronous step-down DC-DC converter.

MSRP - \$27⁰⁰

MIKROE-3094



Charger Click

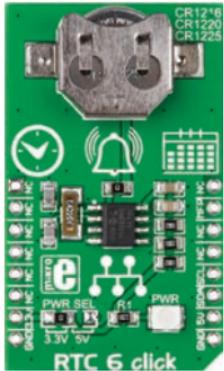
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries a battery charger controller and a battery charge monitor, along with a battery connector.

MSRP - \$22⁰⁰

MIKROE-2033



RTC 6 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries MCP79410 real-time clock/calendar IC. 64 bytes of battery-backed SRAM.

MSRP - \$21⁰⁰
MIKROE-2063



TIMER Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With DS1682 total elapsed time recorder from Maxim Integrated. ETC used with the ALARM pin.

MSRP - \$18⁰⁰
MIKROE-2333



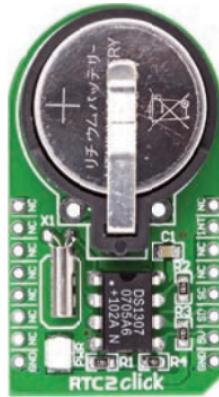
PULSE Click

5V 3.3V SPI I2C

UART GPIO PWM AN

A pulse generator with precise frequency control. Features NE555 precision timer.

MSRP - \$25⁰⁰
MIKROE-2032



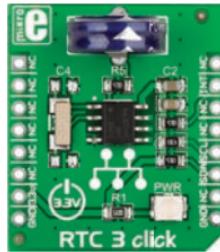
RTC 2 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

With DS1307 serial real-time clock. It's a full binary-coded decimal (BCD) clock/calendar.

MSRP - \$21⁰⁰
MIKROE-948



RTC 3 Click

5V 3.3V SPI I2C

UART GPIO PWM AN

Carries BQ32000, a real time clock with an integrated trickle charge circuit for automatic switchover.

MSRP - \$21⁰⁰
MIKROE-1839



RTC 4 Click

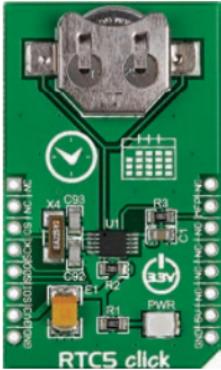
5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries DS2417, a real time clock/calendar with a 1-Wire MicroLAN interface. 16.3 kbits per second.

MSRP - \$21⁰⁰

MIKROE-1891



RTC 5 Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

Carries Microchip's MCP79510 real-time clock/calendar.

MSRP - \$21⁰⁰

MIKROE-1990



PLL Click

5V | 3.3V | SPI | I2C

UART | GPIO | PWM | AN

The ICS501, a LOCO™ PLL clock multiplier, from Integrated Device Technology.

MSRP - \$15⁰⁰

MIKROE-2993



Clock Gen 2 Click

5V | 3.3V | SPI | I2C

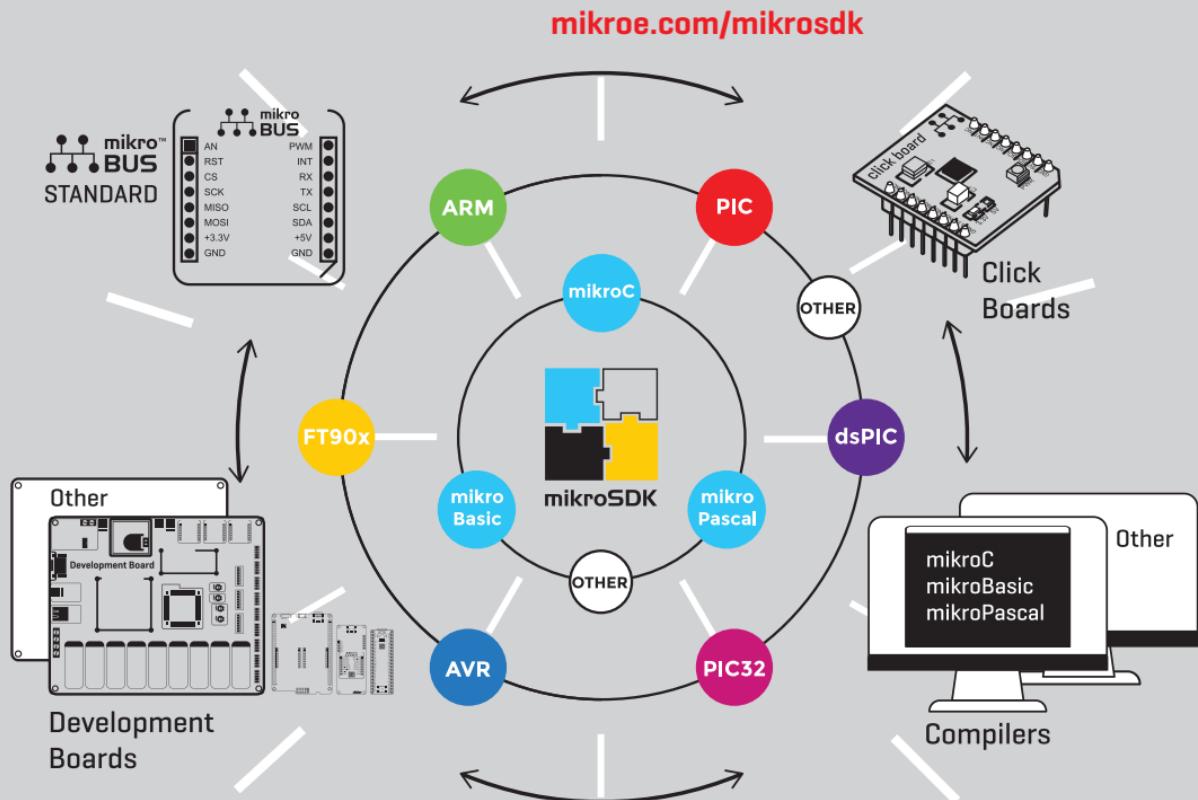
UART | GPIO | PWM | AN

The DS1087LU-266, a 3.3V spread-spectrum EconOscillator, from Maxim Integrated.

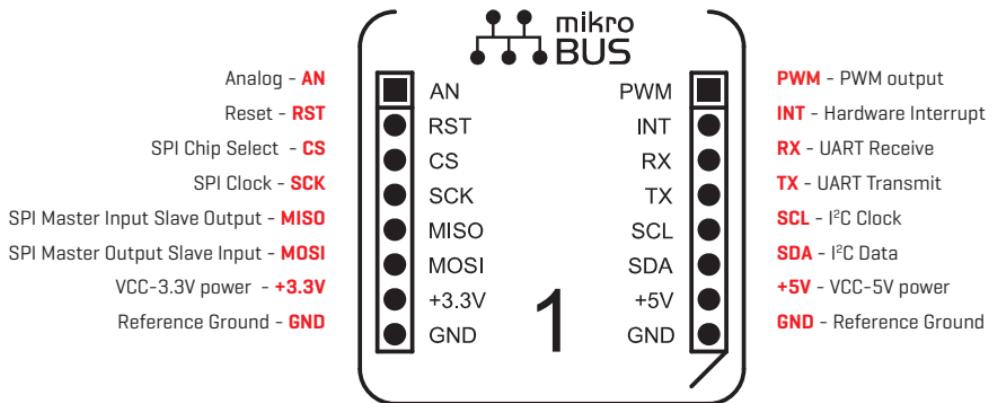
MSRP - \$17⁰⁰

MIKROE-3076

mikroSDK – MikroElektronika SOFTWARE DEVELOPMENT KIT



mikroBUS standard



mikroBUS™ is a simple but effective pinout standard containing all the necessary pins to connect all the different Click boards™. There's also a range of mikroBUS™ shields that bring Click board connectivity to all of today's most popular development platforms (Arduino, Raspberry Pi, BeagleBone, Freedom, Discovery, Micro .NET and more).

Clicking on all platforms

Use Click boards™ with your favorite development platform. A range of Shields bring Click connectivity to:

- Arduino
- BeagleBone Black
- Raspberry Pi
- Freedom
- Launchpad
- Discovery and more...

See them all at: www.mikroe.com/Click/shields

mikroBUS Cape
MSRP – \$8⁹⁰
MIKROE-1857



Using Click boards™ has
many advantages but the
time you will save is by
far the **biggest one!**





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THE WORLD
AROUND YOU!



NEW click,
yet to come

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