



## MIKROE-1720

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Arrow Electronics, Inc  
9201 East Dry Creek Road  
Centennial, CO 80112



## GSM3 click

**PID:** MIKROE-1720

**Weight:** 40 g

**Note:** **OUT OF STOCK.** Available from February 10.

GSM3 click carries **SIM800H**, a quad-band (850/900/1800/1900MHz) GSM/GPRS module that transmits voice, sms and data information.

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### DESCRIPTION

### SPECIFICATION

### DOCUMENTATION

### REVIEWS

#### Table of contents

- [Onboard antennas](#)
- [Quad-band module](#)
- [Low power consumption](#)
- [Key features](#)
- [Downloads](#)

With GSM3 click you can have two of the most used wireless communication protocols in one device — GSM/GPRS and Bluetooth. The click has an onboard 2.4 GHz active antenna, so it is Bluetooth compatible. It carries the **SIM800H** quad-band GPRS/GPRS module from SIMCOM.

GSM3 click is designed to use either 3.3V or 5V power supply and communicates with the target MCU over UART and the following mikroBUS pins: PWM, INT, AN, RST, CS.

#### Onboard antennas

The click has an SMA antenna connector and an audio input/output pad for connecting a microphone and earphones (which can also be used as an FM antenna).

#### Quad-band module

SIM800H has world-wide coverage — quad-band frequency: GSM 850, EGSM 900, DCS 1800 and PCS 1900. The module can search four frequency bands automatically.

#### Low power consumption

Typical power consumption in sleep mode is only 0.7mA. While in sleep mode the SIM800H can still receive SMS.

## Key features

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- ▶ SIM800H module
  - ▶ GPRS data downlink/uplink transfer max: 85.6 kbps
  - ▶ Supports GPRS coding schemes CS-1, CS-2, CS-3 and CS-4
  - ▶ Integrated TCP/IP protocol stack
  - ▶ Supports SIM card: 1.8V, 3V
  - ▶ Bluetooth antenna pad
- ▶ Connection pad for audio input/output
- ▶ Interface: UART
- ▶ 3.3V or 5V power supply


## Downloads

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[mikroBUS™ Standard specification](#) 



[Libstock Library for GSM3 click](#) 



[GSM3 Click Schematic](#)




[SIM800H datasheet](#)

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