

# GSM A7 Module



## Description

GSM module based on A7 AI-Thinker chip. It operates on frequencies 850/900/1800/1900 MHz, allows calls and SMS sending, has GPIO outputs, interface for connecting SIM card and supports GPS protocol.

## Specifications

- GSM/GPRS/GPS A7 AI Thinker module
- Operating voltage: from 3.3 V to 4.2 V
- Supported frequencies: 850 / 900 / 1800 / 1900 MHz
- Standby current: 3 mA
- Call support
- SMS support
- GPIO pin voltage level: 2,8 V
- GPRS:
  - download speed: 85.6 kbps
  - upload speed: 42.8 kbps
- GPIO pinouts
- Support for AT commands and TCP/IP interface
- Support for analog and digital audio
- Support for HR, FR, EFR, AMR voice encoding
- Support for GPS and AGPS
- UART serial interface
- Interface for SIM card connection
- Sensitivity: -105 dBm
- Mounting: for surface mount soldering - SMD
- Housing: SMT 42-pin
- Small dimensions: 22.8 x 19.8 x 2.5 mm

*Made in China*