Module: KE0010 / A180001

Introduction

This is a GPRS/GSM expansion board for Arduino.
The shield supports the frequency of EGSM 900MHz /DCS 1800MHz and GSM850 MHz /PCS 1900MHz, integrated with GPRS, DTMF and other functions.
It also supports DTMF. When enable the DTMF function, get the character feedback converted from the pressed button during the call, which can be used for remote control.
It is controlled by the AT command, you can directly start the function through the computer serial port and Arduino motherboard.
The SIM800C GPRS shield has a built-in SIM800H chip from SIMCom, with good stability.

Specification:

Power Supply <Vin>: 7-12V

Low power consumption: 0.7mA current in sleep mode

Low battery consumption (100mA @ 7V-GSM mode)

GSM 850/900/1800/1900MHz

GPRS multi-slot class 1 ~ 12

GPRS mobile station class B

GSM phase 2/2 + standard

Class 4 (2W @ 850/900 MHz)

Class 1 (1W @ 1800 / 1900MHz)

Controlling via AT command

USB /Arduino control switch

Serial baud rate self-adaption

Support DTMF

LED indicator for power supply status, network status and operating mode.

Dimensions: 77mm x 52mm x 27mm

For instructions see link:

http://wiki.keyestudio.com/Ks0254_keyestudio_Sim800c_Shield