

## General Description

The ET6304 is a dual SIM card control chip optimized for GSM handsets. It supports both 1.8V and 3V SIM cards. A serial port interface (I2C) is used to control dual SIM channel individually. The ET6304 has an integrated detection of SIM card presence function, including battery detection and contact detection in a directly user accessible card slots. If the SIM card is pulled out, ET6304 can immediately and automatically shutdown the corresponding SIM card interface. When the SIM card is inserted, ET6304 can immediately notify the baseband chip to execute activation process.

The ET6304 is available in 20-pin 3mm x 3mm QFN package. The operating temperature range is from -25°C to +85°C.

## Features

- Control and communication through a I2C interface with base band processor
- Independent 1.8V/3V VCC control for each SIM card □
- Power management and control for dual SIM cards □
- Independent clock stop mode (at high or low level) for each SIM card □
- Detection logic for two SIM cards removal or insertion
- Battery presence detection logic
- Interrupt output
- 20-Pin 3mm x 3mm QFN Package (ET6304Y)

## Applications

- Support dual SIM card interface □
- GSM, Edge, GPRS and 3G Cellular Phones

## Pin Configuration

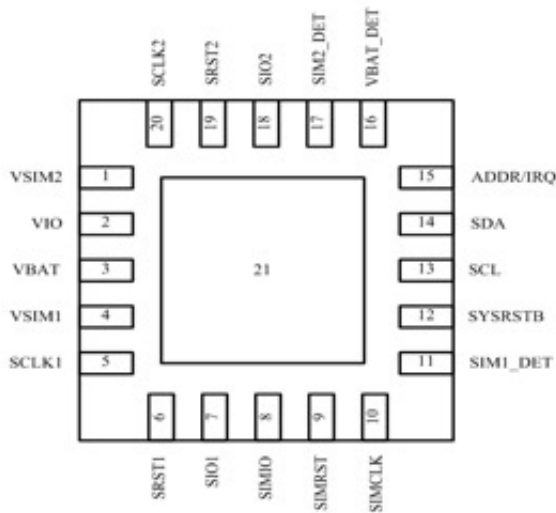


Figure 1 Pin Configuration