

SW1 GSM Terminal card

Power supply
on Board

Quad Band

On Board
SIM Holder

2 GPIO outputs

Audio outputs

PYTHON
Script Interpreter

RoHS Compliant

RS232 level shifter
on board

The GateTel SW1 card is complete Modem GSM solution. SW1 card base on Telit GE864 QUAD PY modem. SW1 with PYTHON offers customer program inside the modem, Thus making the terminal a complete customer solutions. The SW1 board to board 2.54mm pins connector. Directly controlled by standard serial RS232 interface Offering a board supply voltage range (5-14 V DC). The SW1 is universal solution for all low volume m2m applications. SW1 product comply to the RoHS directive of EU.

Product Features

Quad-Band EGSM 850/900/1800/1900 MHz

Output Power Class 4 (2W) 850/900MHz, Class 1 (1W) 1800/1900MHz

At commands according to GSM 07.05, 07.07 and proprietary Telit

Supply Voltage Range: 5-14 V DC

Power Consumption, power off: 26uA, idle: 4 mA, GPRS(max): 700 mA

Dimensions: 52 x 40 x 6 mm

Weight: 35 gr.

Temperatures range: -20 / +70 C

All connections via 2.54mm standard.

2 General Purpose I/O

9 pin board connector for UART communication 300 to 115,00 bps

MMCX female, 50 ohm connector for GSM

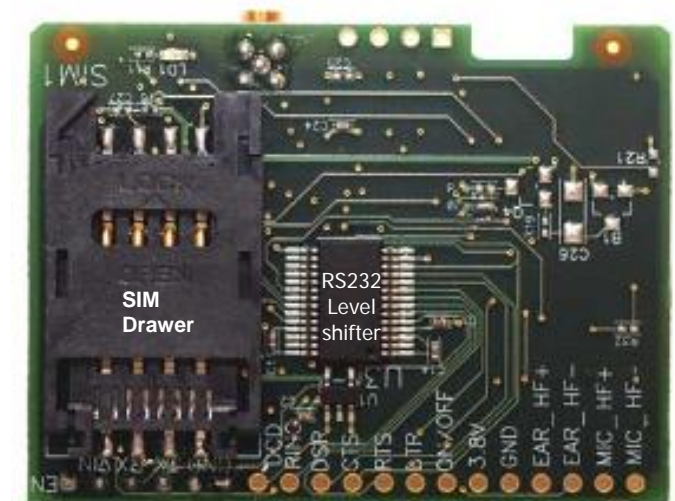
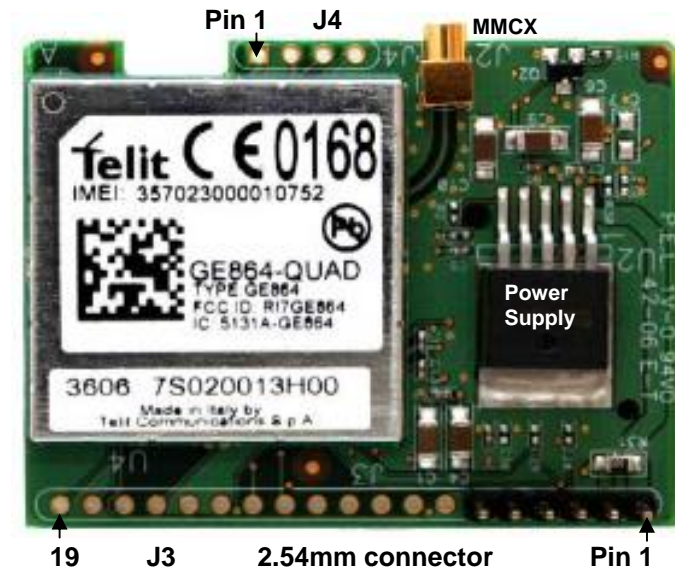
PYTHON script interpreter, Memory: 3 MB of NV, 1.5 MB RAM

PYTHON software ready to be load:

1. Free RS232 Transparent via GPRS.
2. Low cost PYTHON down loader via RS232.
3. PYTHON down loader via GPRS

SW1 size: 54x40x6 mm

SW1 Top view



SW1 Bottom view

SW1 GSM Terminal card Block Diagram V1.1

