

GSW1 GSM/GPRS

GSW1 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

GLYN
High-Tech Distribution

The GSW1 card, based on the Telit GE864-QUAD PY modem, is a complete GSM/GPRS modem solution and ideal for all low volume m2m application. The GSW1 comes with PYTHON scripting where customer application programs can be stored inside the modem, making the terminal a complete customer solution. The RoHS-compliant GSW1 also has a board-to-board 2.54mm pins connector. The GSW1 is directly controlled by a standard serial RS232 interface and offers a board power supply voltage range of 5-14 Vdc.

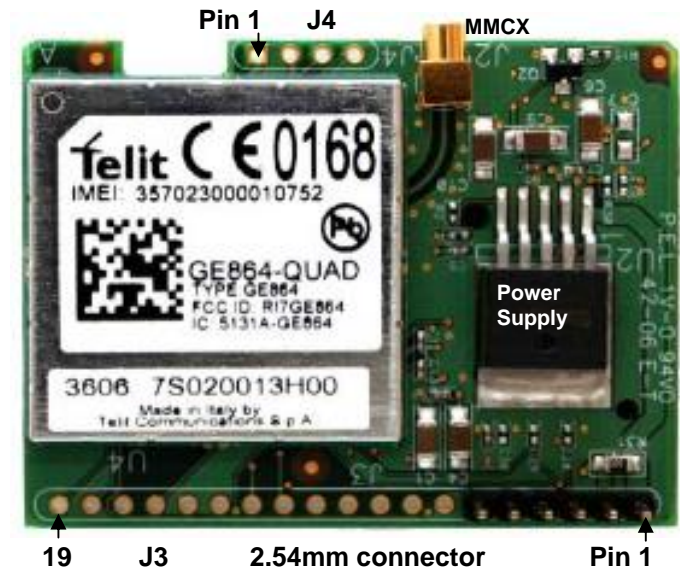
Product Features

- 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 AT commands
- RoHS compliant
- Supply Voltage Range: 5-14 Vdc
- Power Consumption: power off: 26uA, idle: 4 mA, GPRS(max): 700 mA
- Dimensions: 52 x 40 x 6 mm
- Weight: 35 g
- Temperature range: -20 to +70°C
- 2.54mm pitch connector
- 2 General Purpose I/O
- 9 pin board connector for UART communication 300 to 115,000 bps
- MMCX female, 50 ohm connector for GSM
- PYTHON script interpreter engine, 3 MB non-volatile memory for user scripts and data and 1.5 MB RAM for Python script engine usage

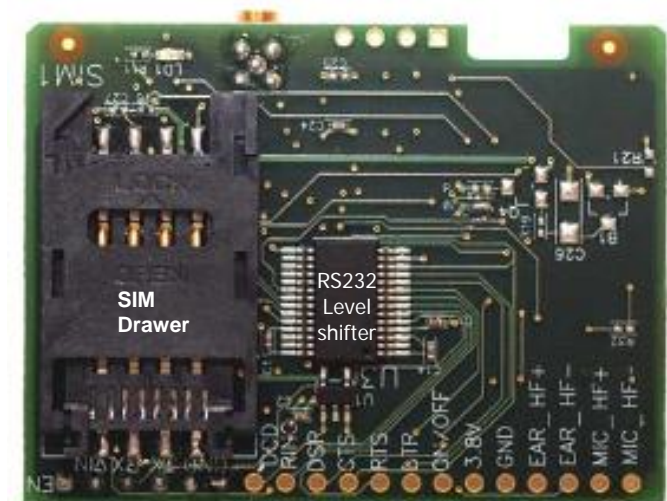
PYTHON software ready to load:

1. Free RS232 transparent via GPRS
2. Low cost PYTHON script downloader via RS232
3. PYTHON script downloader via GPRS

GSW1 Top view



GSW1 size: 54 x 40 x 6 mm



GSW1 Bottom view

GSW1 GSM Terminal Card Block Diagram V1.1

