

TELIT Communications S.p.A.

Att : To whom may concern

Software and Hardware declaration for GE863-PY variant

We, TELIT Communications S.p.A. declares that software version of the GE863-PY module will be different in comparison with the software version of the GE863-QUAD module.

The improvements introduced with the GE863-PY software version will not have any impact on the essential requirement of the R&TTE directive. These software differences will not affect in anyway to the RF, EMC and SAFETY functionality of the GE863-PY module.

We also declare that the hardware difference of the GE863-PY module in comparison with the hardware of the GE863-QUAD module will not have affect in anyway to the RF, EMC and SAFETY functionality of the GE863-PY module. The schematic, PCB and layout of the GE863-PY module are the same of the GE863-QUAD and the only difference is the memory size of 8Mb instead of 4Mb (same package and same pin_out)

Company: TELIT Communications S.p.A.
Address: Via Stazione di Prosecco 5/b
34010 Sgonico TS
Italy

Date: 04 July 2005

Name : Sandro Spanghero
Title: Technical director

Telit Communications SpA

Signature

DECLARATION

We, Telit Communication S.p.A. declare that the devices:

- GE863-GPS

And

- GE863-Quad

Differ only by the fact that in GPS version the GPS receiver and related circuitry are assembled on the printed circuit board, while in Quad version are not. All components, layout and schematics of GSM/GPRS section are the same. Also the software is the same with the exception of a compilation switch that enables or disables the section of AT command and controls related to GPS receiver only.

These changes do not effect on GSM/GPRS performances.

Name: Sandro Spanghero
Title: Telit Communication R&D Director



Date: 02 March 2006

GE863-GPS HARDWARE DIFFERENCES DECLARATIONS

Introduction

We, TELIT Communications S.p.A. declares that the new quad-bands GSM 850/900/1800/1900 terminal equipment type GE863-GPS hardware revision 2, is based on the already tested quad-bands GSM 900/1800/1900 terminal equipment type GE864-QUAD hardware revision 1 that should be considered as the 'based model'.

Aim of this document is also that to describe the main hardware differences between the new product GE863-GPS and its based model GE864-QUAD.

List of differences between GE863-GPS HW Rev. 2 and GE864-QUAD Rev. 1

The following main differences between the new GE863-GPS HW Rev.2 and the already tested GE864-QUAD HW Rev. 1 are declared as follows:

Added components:

Added resistor R309 = 560k ohm 0402 5% form pin 3 Q301 to GND

Added resistor R310 = 47k ohm 0402 5% from VCXOEN (PIN 36 U301) to VINT

Added C414 = 33pF.

Related to GPS functionality all page 5 of the schematic is added (this part doesn't affect the functionality of the GSM part)

Other Changes:

U101 = uP PMB7860 V 1.1D

Has to be U101 IC uP PMB7860 V 1.1K

Resistor R407 WAS 3.3k ohm

Has to be 3.3k ohm NO MOUNT

U401 was version A1 ;

Has to be Ver 1.1

L409 = 27 nH was NOT mounted,

Has to be MOUNTED.

C413 = 100pF was NOT mounted,

Has to be MOUNTED.

L416 was connected between pin 10 U402 and VBATT, Has to be connected between pin 10 U402 and pin 9 U402

The PCB used on GE863-GPS HW Rev 2 is called CS1186A

Company: TELIT Communications S.p.A.

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Italy

Date: 03 March 2006

Telit Communications SpA

Name : Sandro Spanghero

Title: Technical director

Signature