

TELIT Communications S.p.A.

Att : To whom may concern

Software and Hardware declaration for GC864-PY variant

We, TELIT Communications S.p.A. declares that software version of the GC864-PY module will be different in comparison with the software version of the GC864-QUAD module.

The improvements introduced with the GC864-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 GC864-PY module.

We also declare that the hardware difference of the GC864-PY module in comparison with the hardware of the GC864-QUAD module will not have affect in anyway to the RF, EMC and SAFETY functionality of the GC864-PY module. The schematic, PCB and layout of the GC864-PY module are the same of the GC864-QUAD and the only difference is the memory size of 8Mb instead of 4Mb (same package and same pin_out)

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GC864-QUAD HARDWARE DIFFERENCES DECLARATIONS

Introduction

We, TELIT Communications S.p.A. declare that the new quad-bands GSM 850/900/1800/1900 terminal equipment type GC864-QUAD hardware revision 3, 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 GC864-QUAD and its based model GE864-QUAD.

List of differences between GC864-QUAD HW Rev. 3 and GE864-QUAD Rev. 1

The following main differences between the new GC864-QUAD HW Rev.3 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.

Board to board connector PL301 53949-0878 plug vertical dual row pitch 0.50mm 2x40ct

RF connector MM9329-2700 Coax connector 6GHz SO403

Added Transistor Q101 (BC857BL3) with resistor R119 (470 ohm) in base controlled by Pin P9 of U101, collector to M15, N14, K13 of U101, and Emitter to VANA.

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

U202 removed from the circuit

The PCB used on GC864-QUAD HW Rev 3 is called CS1201

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