Statement of Similarity for ZETA-xxP Family

The following document describes the functional similarities between the Siretta ZETA-xxP Family of products. The original ZETA-NLP-GPRS modem was certified from Eurofins on 27/09/2018 please see reference document (E7671 EMC Test Report_01.pdf). The cellular testing was completed as category 4 power on 900MHz to stress test the modem at maximum power.

The new ZETA-xxP modem devices utilise the LE910Cx module family as defined in the table below. The LE910Cx family of modules are pre-approved and compliant cellular modules, please see reference conformity document list below:

ZETA Model	Telit Module	Conformity Document
ZETA-NLP-LTEM (GL)	ME910C1-WW	Refer to 'ME910C1-WW' folders
ZETA-NEP-LTEM (GL)	ME910C1-WW	Refer to 'ME910C1-WW' folders

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ZETA-NLP-LTEM (GL) Ultra Low Power Cellular Modem

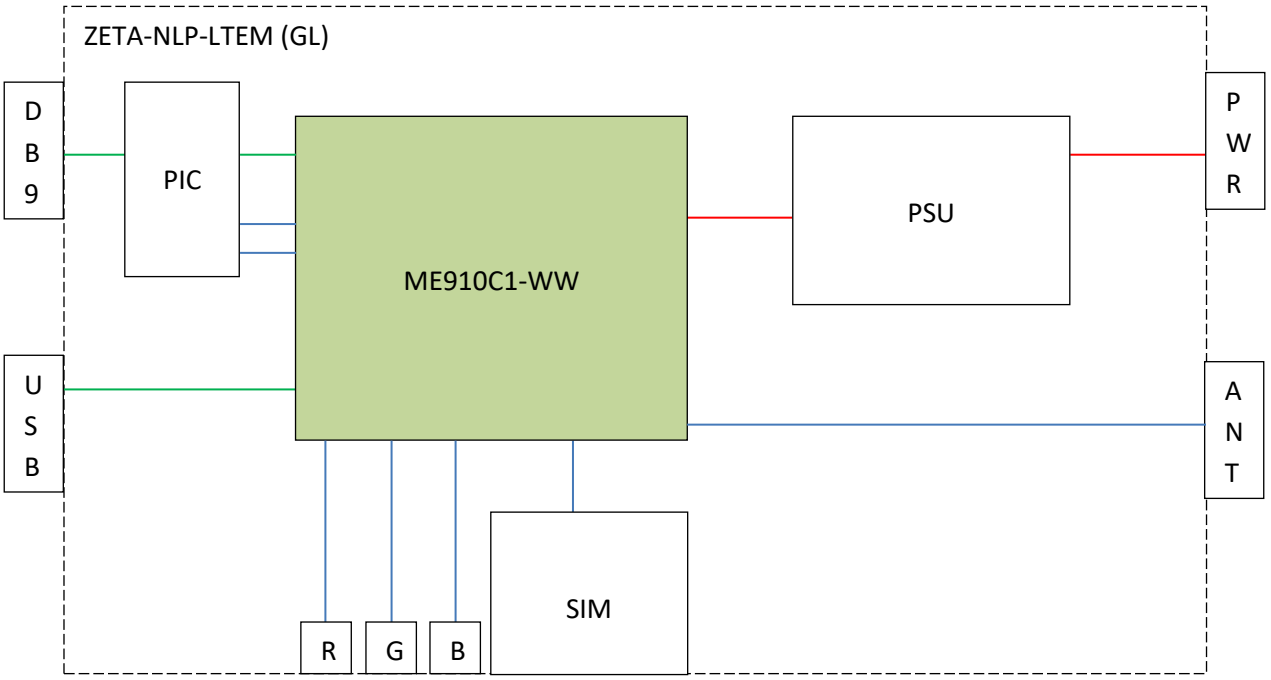
ZETA-NLP-LTEM (GL) Description

The ZETA-NLP-LTEM (GL) is an ultra low power LTE Cat M / LTE Cat NB IoT cellular modem with GSM fallback designed for global industrial use. It has been designed specifically to operate in the lowest power state using a very low power management PIC. The PIC also controls the power sequencing for serial communication start up in the low power state and management of the LED indicators.

ZETA-NLP-LTEM (GL) Features

Full 9-wire RS232 DB9 Connector
Mini USB Connector
RJ12 Power Connector with wide power supply range
2 configurable LED indicators (Green / Blue)
1 Cellular registration indicator (Red)
SMA Female antenna connector
1 FF push-push SIM card reader
Standard footprint enclosure (93mm x 67mm x 28mm)

ZETA-NLP-LTEM (GL) Block Diagram



ZETA-NEP-LTEM (GL) Low Power Cellular Modem

ZETA-NEP-LTEM (GL) Description

The ZETA-NEP-LTEM (GL) is a low power LTE Cat M / LTE Cat NB IoT cellular modem with GSM fallback designed for global industrial use. It has been designed to operate in low power state using a very low power management PIC and offers general purpose IO and additional functions through the 10-way IO header. The PIC controls the power sequencing for serial communication start up and management of the LED indicators.

ZETA-NEP-LTEM (GL) Features

Full 9-wire RS232 DB9 Connector
Mini USB Connector
RJ12 Power Connector with wide power supply range
2 configurable LED indicators (Green / Blue)
1 cellular registration indicator (Red)
3 general purpose inputs (0-42V) on 10-way IO header
2 general purpose outputs (42V @ 1A) on 10-way IO header
1 analogue to digital converter (0-42V) on 10-way IO header
1 debug RS232 port on 10-way IO header
SMA Female antenna connector
1 FF push-push SIM card reader
Standard footprint enclosure (93mm x 67mm x 28mm)

ZETA-NEP-LTEM (GL) Block Diagram