Enabling Industrial IoT

Industrial Modem Starter Kit Fact Sheet

ZETA MODEMS IN NBIoT / CAT M / CAT 1 / CAT 4 TECHNOLOGY WITH ACCESSORIES

General Description

- Ultra Low Power & Low Power Industrial Modem Starter Kits
- Connectivity Coverage across LTE Cat 4 / LTE Cat 1 / LTE Cat M / LTE NB IoT
- Fall back to 3G & 2G on LTE Cat 4 / LTE Cat 1
- Fall back to 2G on LTE Cat M / LTE Cat NB IoT
- Kits come with your chosen modem and their accessories to get you started

The unique features of the ZETA family of modem devices are available across the entire range. The accessories in the starter kit are compatible with all members of the ZETA modem family, but please check individual modem datasheets to ensure you order the correct starter kit to evaluate GPIO and GNSS.

Featured Components

The starter kit contains the following components with common interfaces for each ZETA model:

- » SMA Male Cellular Antenna
- » RJ12 Power Connector Cable
- » DB9 RS232 to USB Serial Interface Cable (1.0m)
- » USB Serial Interface Cable (0.5m)
- » Multi-region Mains PSU (12V @ 2A)
- » SMA Male GNSS Antenna (Included on ZETA-GEP models)

Features

2G GSM	**3G** UMTS	**LTE** Cat M	**LTE** NB IoT	**LTE** Cat 1
LTE Cat 4	**GPIO** Interface	**ADC** Interface	**USB** Serial	**RS232** Serial
RJ12 PSU Cable	**MULTI** Region PSU	**LTE** Antenna	**GNSS** Antenna	

ZETA Modem Interfaces

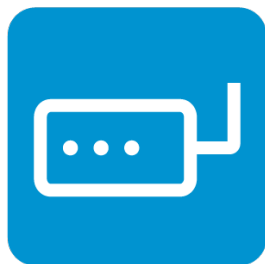| ZETA Model	LTE Category	Ultra Low Power	Low Power	Digital Inputs	Digital Outputs	ADC Inputs	Debug RS232	PSU Output	GNSS Position
ZETA-NLP-LTEM (GL)	M / NB IoT	Yes							
ZETA-NEP-LTEM (GL)	M / NB IoT		Yes	3	2	1	Yes	Yes	
ZETA-NLP-LTE1 (EU)	1	Yes							
ZETA-NSP-LTE1 (EU)	1		Yes						
ZETA-NEP-LTE4 (EU)	4		Yes	3	2	1	Yes	Yes	
ZETA-GEP-LTE4 (EU)	4		Yes	3	2	1	Yes	Yes	Yes
(GL) = Global Region	(EU) = European Region	(USA) = American Region							

ZETA Family Starter Kit Accessories

ZETA Model	LTE Category	Multi-region PSU	Cellular Antenna	RS232 to USB	USB Seial Cable	RJ12 PSU Cable	GNSS Antenna
ZETA-NLP-LTEM (GL)	Cat M / Cat NBIoT	Yes	Yes	Yes	Yes	Yes	
ZETA-NEP-LTEM (GL)	Cat M / Cat NBIoT	Yes	Yes	Yes	Yes	Yes	
ZETA-NLP-LTE1 (EU)	1	Yes	Yes	Yes	Yes	Yes	
ZETA-NSP-LTE1 (EU)	1	Yes	Yes	Yes	Yes	Yes	
ZETA-NEP-LTE4 (EU)	4	Yes	Yes	Yes	Yes	Yes	
ZETA-GEP-LTE4 (EU)	4	Yes	Yes	Yes	Yes	Yes	Yes
(GL) = Global Region	(EU) = European Region	(USA) = American Region					

Starter Kit Benefits

» Setup your Siretta modem to evaluate performance

» Get up and running quickly with the correct accessories

» Test different use case scenarios and swap out components

» Trust on known working accessories to focus on your development

» Evaluate different network technologies using existing equipment

» Verify proof of concept before applying to end application

ZETA Modem Advantage

The ZETA family lends itself to rapid proof-of-concept developments with minimal investment, providing fast time to market and maximum scalability offering intelligence and decision making at the cloud edge.

In addition the ZETA industrial modems have built up a solid reputation as a low cost, low power, reliable and dependable modem which has been established over a number of years with many industry leading industrial customers.

Siretta

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