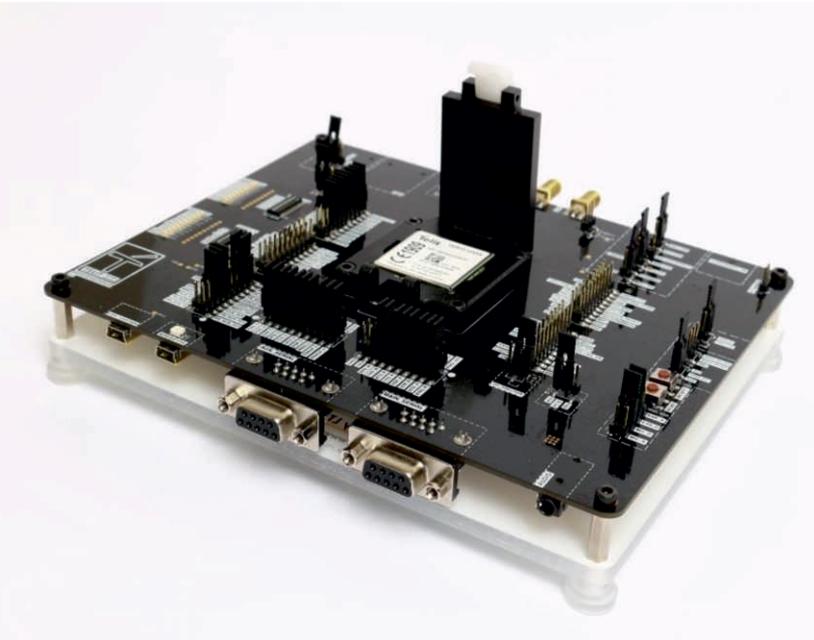


Development and Programming Kit

xE910-Prog

Environment for Programming and Development



Product Description

"xE910-Prog Tool" provides easy-programming function and flexible development & test environment to customer based on Telit GSM | GPRS, UMTS | HSPA, CDMA 1x | EV-DO and LTE xE910 Telit Module Family, significantly reducing time-to-market.

"xE910-Prog Tool" includes the basic interfaces such as power input, Dual-SIM card holder, Audio Headset 3.5mm Jack (Iphone and Samsung Phones compatible), 2 x RS232, 2 x USB, Reset and Power Buttons, Status&GPIO LEDs, Input&Control Slide Switches, Activation Jumpers and as well as Cellular | Diversity | GNSS Antenna Connectors.

Jumper blocks of "xE910-Prog Tool" define the rooting of Serial Ports, GPIOs, Audio channels, SPI Connections, Power Lines, I/O voltage Level selections, SIM selections, GNSS connections. The PC or DTE controlling the module over AT-command interface can be connected via RS232 and USB.

Available For

- EMEA
- North America
- Latin America
- Japan
- Korea
- Australia

Note: Power Adapter, 2 x Cellular Antennas, GNSS Active Antenna, USB Cable included in "xE910-Prog" Kit

Key Benefits

"xE910-Prog Tool" is a solution designed for "Telit Distributors", R&D Companies who need module FW update without assembling, Programmers Engineers and developers who want to test all xE910 family functions. Tool can be used at very wide areas which Telit xE910-Family modules used and offer below advantages to the users:

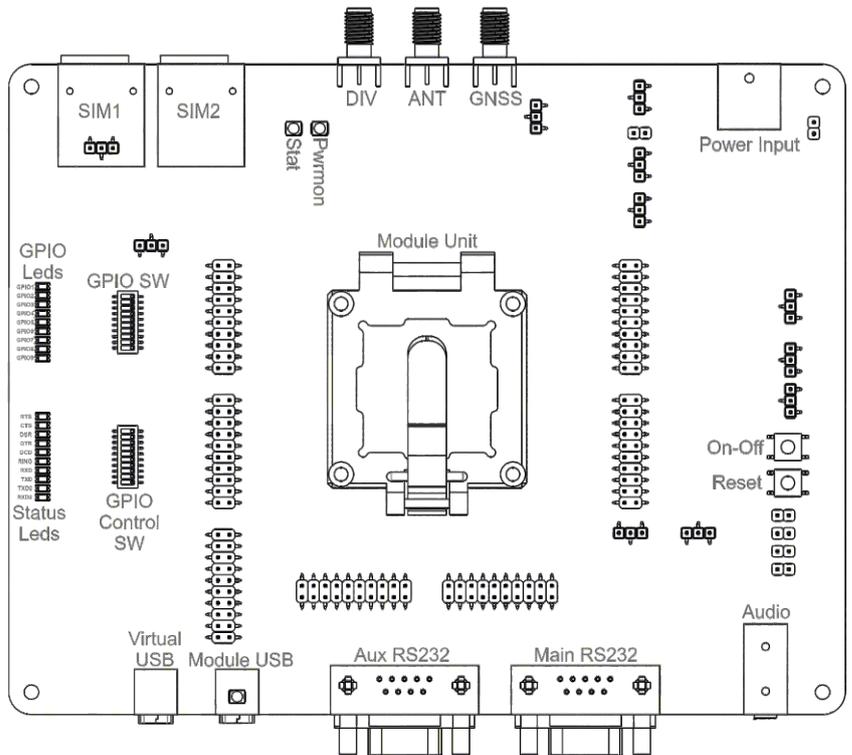
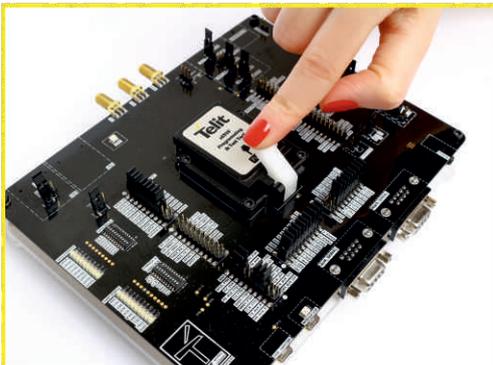
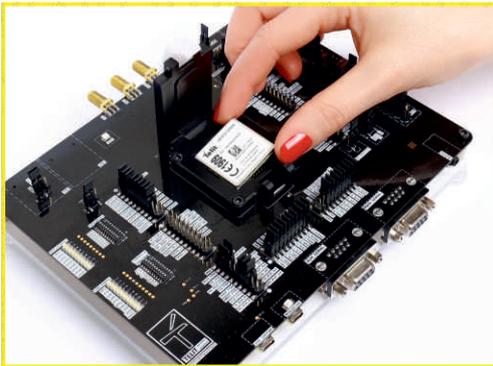
- Program and/or update any module in Telit xE910-Family without assembly,
- Programming, Developing and Testing of Telit's current and future GSM|GPRS, UMTS|HSPA, CDMA 1x|EV-DO and LTE xE910-Family products in one platform,
- Debug and improve applications at HW and SW sides based on xE910 Family,
- Develop a first-pass proof-of-concept device for new applications,
- Make module ready with demanded FW before Assembly/Production Process.



xE910-Prog

Environment for Programming and Development

Telit
is in it.



— Block Diagram —



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Product Features & Interfaces

Serial Port	2 x RS232 (Main Serial Port and Aux Serial Port); 1V8 and 3V3 TTL Level Uart Connections
USB Ports	1 x USB 2.0 (Direct Module Port) 1 x USB 2.0 for Virtual Serial and SPI ports
Power Supply Range	5.5V to 28V
Power&Reset Button	Available
LED Indicator	10 x GPIO Output LEDs; 1 x USB Power-On LED; 1 x Pwrmon LED; 1 x Status LED
Embedded Power Supplies	1V2@150mA; 1V8@150mA; 3V3@500mA; 3V8@3A
GPIOs	10 x LED Output 10 x Input (with slide switch)
Audio	3.5mm Jack Audio Input Analog Voice and Digital Voice (Analog to Digital Codec)
SIM Card Holder	2 x SIM Holder for Dual SIM Card Tests
External Battery Input	Available
Virtual USB Interface	Main & Aux Serial Port; SPI Port
Antenna Connections	1 x Main; 1 x Diversity; 1 x GNSS

