













UMTS | HSDPA 384 K/3.6 M

UE910 V2 Family Embedded



-  Ultra Compact
-  Telit Unified AT Command Set
-  LGA Package
-  Multi Band
-  Dual Band HSDPA
-  Dual Band EDGE
-  Dual Band GPRS
-  RoHS Compliant
-  SIM Access Profile
-  USB 2.0 High Speed Compatible
-  Extended RF Sensitivity
-  Embedded TCP/IP Stack



The UE910 V2 product family is a new member of the 910 family. It offers an HSDPA module, dual-band, designed on the xE910 LGA unified form factor. The UE910 V2 is a "voice capable" device, featuring both analog or digital audio, but available also as data-only variant.

In addition to pin-to-pin compatibility, also the AT command interface is fully compatible with the companion HE910 module.

It is ideal for low end 3G solutions that do not require a global coverage and, due to the great variety of features within the xE910 family, it allows customers to tailor their choice according to the specific needs of their application: design once and deploy globally.

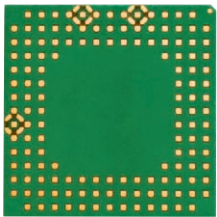
As a part of Telit's corporate policy of environmental protection, all Telit products comply with the RoHS (Restriction of Hazardous Substances) directive of the European Union (EU Directive 2002/95/EG).

UE910 V2 Variants

Variant name	Upload	Download	Frequencies		Features	
	WCDMA (kbps)	HSDPA (Mbps)	UMTS HSPA+ bands (MHz)	GSM GPRS EDGE bands (MHz)	Data	Voice
EMEA / APAC / Latin America markets						
UE910-EUR V2	384	3.6	900/2100	900/1800	▪	▪
UE910-EUD V2	384	3.6	900/2100	900/1800	▪	
North America market						
UE910-NAR V2	384	3.6	850/1900	850/1900	▪	▪
UE910-NAD V2	384	3.6	850/1900	850/1900	▪	

UE 910 V2 Family

Embedded



actual size

Product features

- Supported bands
 - EUx variants:
 - 2 Bands GSM/GPRS/EDGE 900/1800 MHz
 - 2 Bands UMTS/HSDPA 900/2100 MHz
 - NAX variants:
 - 2 Bands GSM/GPRS/EDGE 850/1900 MHz
 - 2 Bands UMTS/HSDPA 850/1900 MHz
- GPRS and EDGE class 12
- Small dimensions 28.2 x 28.2 x 2.2 mm
- Extended temperature range
- SIM Access Profile
- 3GPP release 7 compliant
- Control via AT commands according to 3GPP TS27.005, 27.007 and customized Telit AT commands
- Serial port multiplexer 3GPP TS27.010
- SIM application Tool Kits 3GPP TS 51.014
- Built in UDP/TCP/FTP/SMTP stack

Interfaces

- 10 I/O ports maximum including multifunctional I/Os
- I2S
- USB 2.0 HS
- 2 UART
- SPI
- I2C
- ADC and DAC converters
- 1.8 V / 3 V SIM interface

Data

- HSDPA
 - Uplink up to 384 kbps
 - Downlink up to 3.6 Mbps (cat-6)
- WCDMA
 - Uplink/Downlink up to 384 kbps
- EDGE
 - Uplink up to 236.8 kbps
 - Downlink up to 236.8 kbps
- GPRS
- CSD

Electrical

- Output power
 - Class 4 (2 W, 33 dBm) @ GSM 850 / 900
 - Class 1 (1 W, 30 dBm) @ GSM 1800 / 1900
 - Class 3 (0.25 W, 24 dBm) @ UMTS
 - Class E2 (0.5 W, 27 dBm) @ EDGE 850 / 900
 - Class E2 (0.4 W, 26 dBm) @ EDGE 1800 / 1900
- Sensitivity
 - -111 dBm @ UMTS
 - -109 dBm @ GSM 850 / 900 MHz
 - -110 dBm @ DCS1800 / PCS1900 MHz
- Supply voltage
 - Nominal: 3.8 VDC
 - Range: 3.4 - 4.2 VDC

Additional features

- Digital or Analog voice and SMS
- IP stack with TCP and UDP protocol
- Standard and extended AT command set

Approvals

- RoHS Compliant
- CE, GCF (Europe)
- FCC, PTCRB, IC (North America)

Order No.

Please contact your Telit representative for order codes and all further information

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