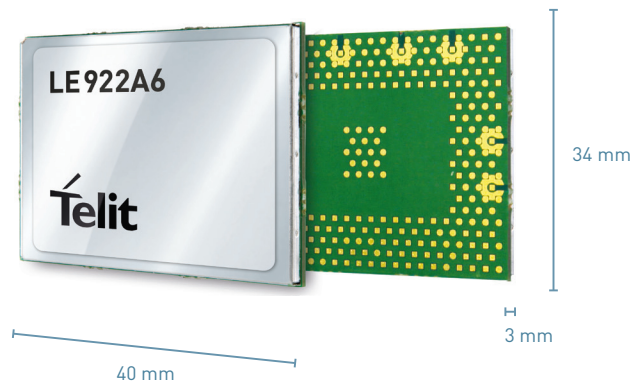


## LE922A Series

LTE 300/50 | 2C-HSPA+ | 42/11 Embedded



### Product Description

The LE922A product series deliver high speed data rates for deployment in the fastest LTE cellular networks. These modules are particularly well-suited for devices with extremely high throughput requirements, such as mobile broadband gateways and routers, to provide the most advanced 4G LTE connectivity when primary wire line internet connections are not available, ensuring seamless connectivity to the end users. The LE922A6 products are optimized for LTE Cat.6 high throughput, with MIMO capabilities and latest generation carrier aggregation support.

### Key Benefits

- Take advantage of the latest generation of LTE-A networks delivering LTE Cat 6 throughput up to 300 Mbps in DL and 50 Mbps in UL
- Increased connectivity performance with carrier aggregation and MIMO

### Variants

Two different variants are available to fulfill the requirements of the European market.

Multi-band configurations, covering different sets of 4G bands as well as MNO certifications.

#### AVAILABLE FOR

- EMEA
- North America
- Latin America
- APAC
- Korea
- Australia

Complete, Ready to Use Access to the Internet of Things



	LE922A6-E1	LE922A6-E2
<b>Market</b>	Europe	Europe
<b>4G bands (MHz)</b>	800 (B20) / 1800 (B3) / 2600 (B7)	1800 (B3) / 2600 (B7) / 900 (B8) / 800 (B20) / 700 (B28) / 1500L (B32 DL)
<b>3G bands (MHz)</b>	•	•
<b>Carrier aggregation</b>	DL 2CA 3+20, 3+7, 7+20, 3+3, 7+7	DL 2CA 3+3, 3+7, 3+20, 7+7, 7+8, 7+20, 20+32
<b>Technology</b>	Rel.10 LTE FDD, Cat 6	Rel.10 LTE FDD & TDD, Cat 6
<b>Data throughput</b>	LTE FDD: DL: 300 Mbps, UL:50 Mbps	LTE FDD: DL: 300 Mbps, UL:50 Mbps
<b>RX Diversity</b>	YES	YES
<b>MIMO</b>	2x2 DL SU-MIMO 4x2 MIMO	2x2 DL SU-MIMO 4x2 MIMO
<b>VoTLE</b>	YES	YES
<b>Operating temperature</b>	-40°C to +85°C	-40°C to +85°C*
<b>Supply Voltage</b>	3.4 V to 4.2 V (Typ. 3.8 V)	3.4 V to 4.2 V (Typ. 3.8 V)
<b>GPIO</b>	10	10
<b>USB</b>	3.0	3.0
<b>UART</b>	YES	YES
<b>PCI</b>	YES	YES
<b>SPI</b>	YES	YES
<b>I2C</b>	YES	YES
<b>SDIO</b>	YES	YES
<b>Dimensions</b>	34 x 40 x 3mm	34 x 40 x 2.9mm
<b>Certifications</b>	R&TTE, GCF Carrier Approval	CE, GCF Carrier Approval



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