

Fibocom 5G/ RedCap/ LTE-A/ LTE-A Pro/ LTE Wireless Modules Enable High-Speed Internet of Things Scenarios, Bringing Perfect Wireless Experience to End Users



Fibocom FG190/FM190 5G Module

Fibocom FG190/FM190 is a series of 5G Sub-6GHz and mmWave module, designed to bring outstanding cellular performance to mass data transmission applications such as mobile broadband, FWA, enterprise 5G, and IIoT. The module series adopts the advanced technologies in RF design, baseband, antenna interface and software, allowing industry customers to evolve with the latest innovations.

5G RedCap

Model	Bands	Region	Form Factor
FG131-NA	5G Sub-6 n2/5/7/12/13/14/25/26/30/38/41(194M)/48/66/70/71/77/78	North America	LGA
FG132	5G Sub-6 N1/2/3/5/7/8/12/13/14/18/20/25/26/28/30/38/40/41/48/66/70/71/77/78	Global	LGA
FG132-M.2	5G Sub-6 N1/2/3/5/7/8/12/13/14/18/20/25/26/28/30/38/40/41/48/66/70/71/77/78	Global	M.2
FG132-MiniPCle	5G Sub-6 N1/2/3/5/7/8/12/13/14/18/20/25/26/28/30/38/40/41/48/66/70/71/77/78	Global	MiniPCle

5G Modules

Model	Bands	Region	Form Factor
FG190W-NA	5G Sub-6 n2/5/7/12/14/25/26/29/30/38/41/48/66/70/71/77/78 5G mmW: n257/258/260/261	North America	LGA
FG180-NA	5G Sub-6: n2/5/7/12/14/25/26/29/30/38/41/48/66/70/71/77/78	North America	LGA
FM190-GL	5G Sub-6: n1/2/3/5/7/8/12/13/14/18/20/25/26/29/30/34/38/39/40/41/46/48/53/66/67/68/70/71/75/76/77/78/79/90/91/92/93/94	Global*	M.2
FM190W-GL	5G mmW n257/528/560/261 5G Sub-6: n1/2/3/5/7/8/12/13/14/18/20/25/26/29/30/34/38/39/40/41/46/48/53/66/67/68/70/71/75/76/77/78/79/90/91/92/93/94	Global*	M.2

FG170-NA	5G Sub-6: n2/5/7/12/14/25/30/48/41/70/66/71/77/78	North America	LGA
FG170-EAU	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/75/76/77/78/79	Asia, Europe, Australia	LGA
FG370-NA	5G Sub-6: FG370-NA-06: n2/5/48/66/77 FG370-NA-03: n25/41/48/66/71/77	North America	LGA
FG370-EAU	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/75/76/77/78/71(optional)	Asia, Europe, Australia	LGA
FG360-NA	5G Sub-6: FG360-NA-00: n2/5/7/12/14/25/30/41/48/66/71/77/78 FG360-NA-05: n25/41/66/71	North America	LGA
FG360-MEA	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78	Middle East, Africa	LGA
FG360-JP	5G Sub-6: n3/77/78/79	Japan	LGA
FG360-EAU	5G Sub-6: FG360-EAU-05/06: n1/3/5/7/8/20/28/38/40/41/77/78/79/71(reserved) FG360-EAU-10: n1/3/5/7/8/20/28/38/41/77/78 FG360-EAU-00/02: n1/3/5/7/8/20/28/38/40/41/77/78/79	Asia, Europe, Australia	LGA
FG160-EAU	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/75/76/77/78/79	Asia, Europe, Australia	LGA
FG160-NA	5G Sub-6: n2/5/7/12/14/25/30/48/41/70/66/71/77/78	North America	LGA
FM160-PN	5G Sub-6: n48/78	North America	M.2
FM150-NA	5G Sub-6: n2/5/7/12/25/41/48/66/71/77/78	North America	M.2

LTE Cat 20 Modules

Model	Bands	Region	Form Factor
NL952-NA	LTE: B2/4/5/7/12/13/14/17/25/26/29/30/41/46(LAA)/48(CBRS)/66/71	North America	M.2

LTE Cat 18 Modules

Model	Bands	Region	Form Factor
NL952-EAU	LTE: B1/3/5/7/8/18/19/20/28/32/38/40/41/42/43/48(CBRS)	Asia, Europe, Australia	M.2

FM160-EAU	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/75/76/77/78	Asia, Europe, Australia	M.2
FM160-NA	NR: n1/3/5/7/8/20/28/38/40/41/75/76/77/78	North America	M.2
FM160-JK	Sub-6: n1/3/7/8/28/41/77/78/79	Korea, Japan	M.2
FG150-AE	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78/79	Asia, Europe, Australia	LGA
FM150-AE	5G Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78/79	Asia, Europe, Australia	M.2

LTE Cat 16 Modules

Model	Bands	Region	Form Factor
-------	-------	--------	-------------

*=Planning

LTE Cat 13 Modules

Model	Bands	Region	Form Factor
FG101-EAU-10	LTE: B1/3/5/7/8/20/28/32/38/40/41(2535Mhz-2655Mhz)	Asia, Europe, Australia	M.2

LTE Cat 12 Modules

Model	Bands	Region	Form Factor
FG101-NA-00	LTE: B2/4/5/7/12/13/14/17/25/26/29/30/66/71/41(194M)46/48	North America	LGA
FG101-EAU-00		Asia, Europe, Australia	LGA

*=Planning

LTE Cat 9 Modules

Model	Bands	Region	Form Factor
L850-GL	LTE: B1/2/3/4/5/7/8/11/12/13/17/18/19/20/21/26/28/29/30/66/38/39/40/41	Global	M.2

LTE Cat 6 Modules

Model	Bands	Region	Form Factor
FG101-NA-20	LTE: B2/4/5/7/12/13/14/17/25/26/29/30/66/71/41(194M)/46/48	North America	LGA
FG101-EAU-20	LTE: B1/3/5/7/8/18/19/20/28/32/38/40/41(2535Mhz-2656Mhz)	Asia, Europe, Australia	LGA
FG101-EAU-30	LTE: B1/3/5/7/8/18/19/20/28/32/38/40/41(2535Mhz-2657Mhz)	Asia, Europe, Australia	LGA
FM101-EAU	LTE: B1/3/5/7/8/20/28/32/38/40/41(120M)	Asia, Europe, Australia	M.2
FM101-CG	LTE: B42/43/48(CBRS)	North America, Global	M.2
FM101-NA	LTE: B2/4/5/7/12/13/14/17/25/26/29/30/66/71/41(194M)/42/43/46/48	North America	M.2
FG621-EA	LTE: B1/3/5/7/8/20/28/38/40/41	EMEA, APAC, Australia	LGA
FG621-LA	LTE: B2/4/5/7/12/13/28/40/66	Latin America	LGA


*=Planning

Fibocom LTE Cat4/Cat1/Cat M, NB-IoT, 3G, 2G Modules Provide Affordable and Popular Wireless Communication Solutions for Massive IoT



Fibocom L610 LTE Cat 1 Module

Fibocom LTE Cat 1 modules are designed for medium-rate IoT connections, covering the network frequency bands of major operators in Asia, Europe and Latin America, formed as both LCC+LGA and MiniPCIe packages. Fibocom's L610 LTE Cat1 module is an all-in-one solution that provides excellent, reliable and secure coverage which NB-IoT modules incapable to provide; while also delivering cost advantages that 5G communication cannot guarantee.



Fibocom L610 LTE Cat 1 Module

Fibocom LTE Cat 1 modules are designed for medium-rate IoT connections, covering the network frequency bands of major operators in Asia, Europe and Latin America, formed as both LCC+LGA and MiniPCIe packages. Fibocom's L610 LTE Cat1 module is an all-in-one solution that provides excellent, reliable and secure coverage which NB-IoT modules incapable to provide; while also delivering cost advantages that 5G communication cannot guarantee.

LTE Cat 4 Modules

Model	Bands	Region	Form Factor
L716-EU MiniPCIe	LTE: B1/3/5/7/8/20/28/8/40/41	Europe	MiniPCIe
L716-CN MiniPCIe	LTE: B1/3/5/8/34/38/39/40/41	China	MiniPCIe
L716-CN	LTE: B1/3/5/8/34/38/39/40/41	China	LGA / LCC
L716-EU	LTE FDD: B1, B3, B5, B7, B8, B20, B28	Europe	LGA / LCC
NL668-EAU	LTE: B1/3/5/7/8/20/28/38/40/41	Europe, Australia	LGA / LCC
NL668-EAU-M.2	LTE: B1/3/5/7/8/20/28/38/40/41	Europe, Australia	M.2
NL668-EAU MiniPCIe	LTE: B1/3/5/7/8/20/28/38/40/41	Europe, Australia	LGA / LCC
NL668-AM	LTE: B2/4/5/12/13/17/66/71	North America	LGA / LCC
NL668-AM MiniPCIe	LTE: B2/4/5/12/13/17/66/71	North America	MiniPCIe
NL668-LA	LTE: B1/2/3/4/5/7/8/12/17/28/38/40/66	Latin America	LGA / LCC

NL668-LA MiniPCle	LTE: B1/2/3/4/5/7/8/12/17/28/38/40/66	Latin America	MiniPCle
NL668-EU	LTE: B1/3/5/7/8/20	Europe	LGA / LCC
NL668-EU MiniPCle	LTE: B1/3/5/7/8/20	Europe	MiniPCle
NL668-JP MiniPCle	LTE: B1/3/8/11/18/19/21/26/28/41	Japan	MiniPCle
NL668-JP	LTE: B1/3/8/11/18/19/21/26/28/41	Japan	LGA / LCC

LTE Cat 1 Modules

Model	Bands	Region	Form Factor
MC116-JP	LTE: B1/3/8/18/19/26	Japan	LGA / LCC
MG110-JP	LTE: B1/3/8/18/19/26	Japan	LGA
MC610-LA	LTE: B1/2/3/4/5/7/8/28/66	Latin America	LGA / LCC
MC610-EU	LTE: B1/3/7/8/20/28	Europe	LGA / LCC
MC116-NA	LTE: B2/4/5/12/13/17/66	North America	LGA / LCC
MC116-EUL	LTE: B1/2/3/4/7/8/20/28	Europe, Latin America	LGA / LCC
L610-LA-MiniPCle	LTE: B1/2/3/4/5/7/8/28/66	Latin America	MiniPCle
L610-LA	LTE: B1/2/3/4/5/7/8/28/66	Latin America	LGA / LCC
L610-EU-MiniPCle	LTE: B1/3/7/8/20/28*	Europe	MiniPCle
L610-EU	LTE: 1/3/7/8/20/28*	Europe	LGA / LCC

3G Modules

Model	Bands	Region	Form Factor
H330S-MiniPCle	WCDMA: B1, B2, B5, B8 or B1, B8	Global	MiniPCle
H330S	WCDMA: B1, B2, B5, B8 or B1, B8	Europe, Australia, Brazil, Japan	LGA

2G Modules

Model	Bands	Region	Form Factor
G500-Q50	GSM: 850/ 900/ 1800/ 1900MHz	China, Brazil	LGA / LCC
G510-Q50	GSM: 850/900/1800/1900MHz	Global	LCC
G500-GL	GSM: 850/ 900/ 1800/ 1900MHz	Global	LCC

LTE Cat M Modules

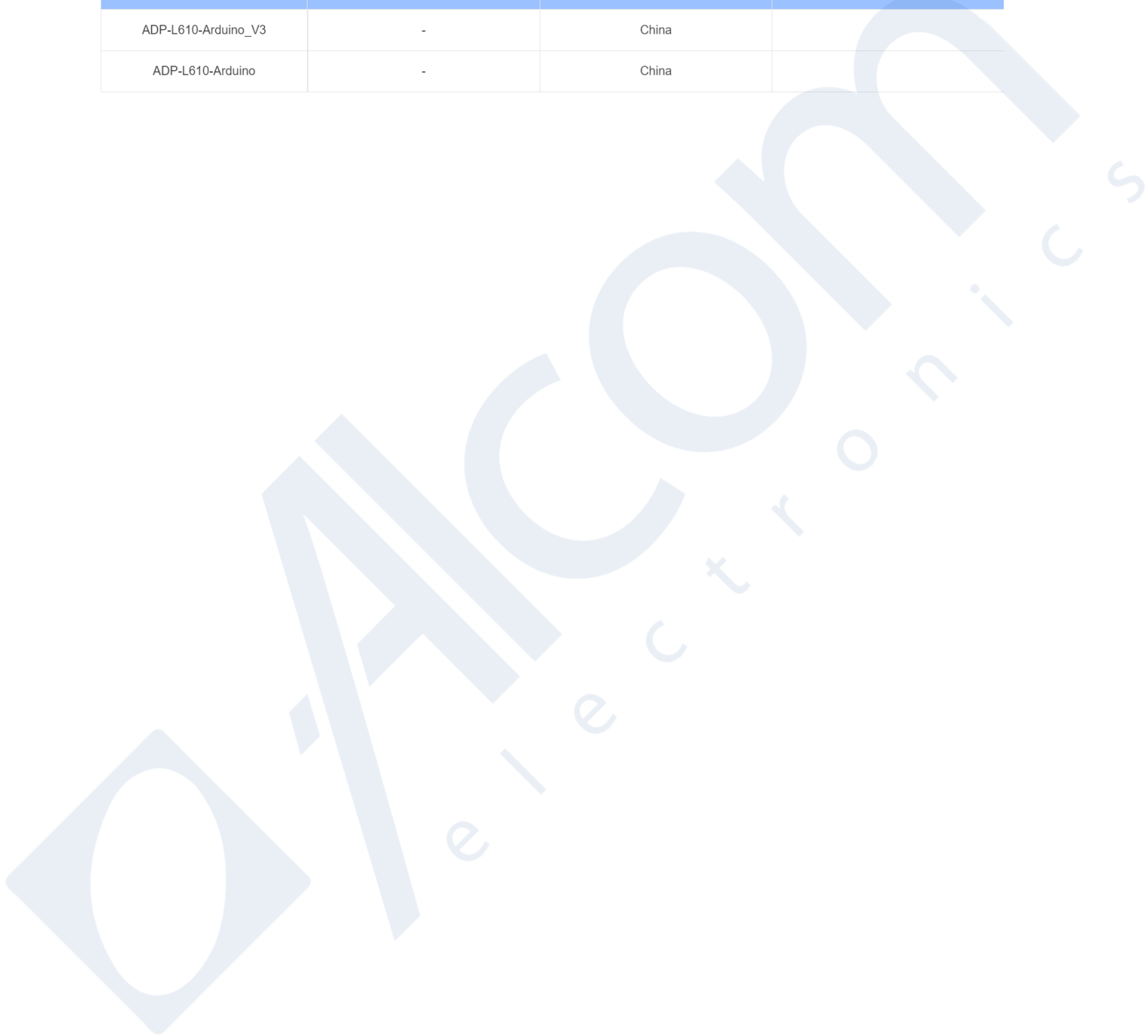
Model	Bands	Region	Form Factor
MA510-GL	LTE Cat M1: B1/2/3/4/5/8/12/13/18/19/20/25/26/27/28/66/85	Global	LGA / LCC

NB-IoT Modules

Model	Bands	Region	Form Factor
-------	-------	--------	-------------

EVKB

Model	Bands	Region	Form Factor
ADP-L610-Arduino_V3	-	China	
ADP-L610-Arduino	-	China	



Breaking the Boundaries Between Mobile Computing and Wireless Connection with Fibocom's Smart AI/4G/Wi-Fi Modules. Your device can do more than what you expect!



Fibocom SC151 5G Smart Module



The Fibocom SC151 is a powerful 5G wireless module powered by the Qualcomm QCM4490 chipset. It offers an octa-core processor, a visual Digital Signal Processor (vDSP), and a high-performance graphics engine for smooth video playback and multi-channel camera input. The module supports 5G NSA and SA modes, as well as 4G/3G networks, and features 5G NR Sub-6GHz, DL 4x4 MIMO, UL 2x2 MIMO, dual-band Wi-Fi/Bluetooth, and Wi-Fi 6E capabilities. It also includes a multi-constellation GNSS receiver for accurate positioning and navigation. With an Android 13 operating system and various interfaces like MIPI, USB, UART, SPI, and I2C, the SC151 offers flexibility and easy integration for IoT applications. It can be used in DVRs, smart logistics terminals, security cameras, industrial handhelds, drones, smart robots, and more.

5G Smart Module

Model	Bands	Region	Form Factor
SC151-GL	5G Sub-6: n1/2/3/5/7/8/12/14/20/25/28/30/38/40/41/48/66/71/77/78	Global*	LGA
SC171	5G Sub-6: n41/78/79(SA&NSA), n1/3/5/8/28(only SA)	China	LGA

AI Smart Module

Model	Bands	Region	Form Factor
SCA825-W	/	Global	LGA

4G Premium

Model	Bands	Region	Form Factor
SC228	LTE: B1/B2/B3/B4/B5/B7/B8/B12/B13/B14/B17/B18/B19/B20/B25/B26/B28/B66/B71	Global	LGA / LCC
SC138-JP	LTE: B1/3/8/18/19/21/26/28/41	Japan	LGA / LCC
SC138-NA	LTE: B2/4/5/7/12/13/17/25/26/41/48/66/71	North America	LGA / LCC
SC138-W	/	Global	LGA / LCC
SC138-EAU	LTE: B1/3/5/7/8/20/28/38/40/41	Asia, Europe, Australia, Brazil	LGA / LCC

4G Medium

Model	Bands	Region	Form Factor
SS808-W	/	Global	LGA / LCC
SS808-JP*	LTE: B1/3/6/8/9/18/19/21/26/28/41	Japan	LGA / LCC
SS808-NA	LTE: B2/4/5/7/12/13/25/26/41/66	North America	LGA / LCC
SS808-EAU	LTE: B1/3/5/7/8/20/28/38/40/41	Asia, Europe, Australia, Brazil	LGA / LCC

4G Entry

Model	Bands	Region	Form Factor
SC126-EAU	LTE: 1/2/3/4/5/7/8/20/28/38/40/41	Asia, Europe, Australia, Brazil	LGA / LCC
SC126-JP	LTE: B1/3/6/8/9/18/19/21/26/28/41	Japan	LGA / LCC
SC126-NA	LTE: B2/4/5/7/12/13/17/25/26/41/66/71	North America	LGA / LCC
SC126-W	/	Global	LGA / LCC
SU806-LA	LTE: B2/3/4/5/7/17(12)/28/40/41	Latin America	LGA / LCC
SU806-EAU	LTE: B1/3/5/7/8/20/28/38/40/41 (2535 ~ 2655MHz)	Asia, Europe, Australia, Brazil	LGA / LCC
SU806-W	/	Global	LGA / LCC
SQ808-W	/	Global	LGA / LCC
SQ808-JP	LTE: B1/3/6/8/9/18/19/21/26/28/41	Japan	LGA / LCC
SQ808-NA	LTE: B2/4/5/7/12/13/17/25/26/41/66	North America	LGA / LCC
SQ808-EAU	LTE: B1/3/5/7/8/20/28/38/40/41	Asia, Europe, Australia, Brazil	LGA / LCC

Fibocom's Automotive-Grade 5G, C-V2X, LTE Cat 6/Cat4, Wi-Fi Modules Enable Intelligent Connected Vehicles, Intelligent Transportation System, Fleet Management, C-V2X, Smart Traffic Management and Automotive Driving





Low Latency & Ultra Reliable Connections

AN958-AE is a global 5G sub-6 communication module launched by FIBOCOM Auto Inc. It supports two network architectures: SA and NSA, with faster transmission speed, better carrying capacity and low network latency. AN958-AE supports 5G sub-6 band and is compatible with LTE, WCDMA, TD-SCDMA and GSM. It supports the regional coverage of 5G countries in the Asia Pacific (Including China, Japan, South Korea).

5G Modules

Model	Bands	Region	Form Factor
AN958-EAU	Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78	Europe, Australia	LGA
AN958-AE	Sub-6: n1/41/78/79	China	LGA
AN958-NA	Sub-6: n2/5/7/12/14/25/28/41/48/66/71/77/78	North America	LGA
AN958-ROW	Sub-6: n1/28/77/79	Japan	LGA
AN958T-AE	Sub-6: n1/3/5/8/28/41/78/79	China	LGA
AN758-CN	Sub-6: n1/3/5/8/28/41/78/79	China	LGA
AN758-EAU	Sub-6: n1/3/5/7/8/20/28/38/40/41/77/78	Europe	LGA

LTE Cat 4 Modules

Model	Bands	Region	Form Factor
AL940-CN	LTE: B1/3/5/8/34/38/39/40/41	China	LGA
AL640-CN	LTE: B1/3/5/8/34/38/39/40/41	China	LGA

SoC Modules

Model	Bands	Region	Form Factor
AN693S	5G Sub-6: n1/3/8/28/41/77/78/79	China	LGA
AL680S-GL	LTE: B1/2/3/4/5/7/8/9/12/13/17/19/20/21/28/38/40/41	Global	LGA / LCC
AP915-GL	/	Global	LGA
AL656S-CN	LTE: B1/3/5/8/34/38/39/40/41	China	LGA

C-V2X Modules

Model	Bands	Region	Form Factor
AX166-GL	C-V2X: B47(5850-5925MHz)	Global	LGA


Wi-Fi Modules

Model	Bands	Region	Form Factor
AW916-GL	/	Global	LGA

GNSS Module

Fibocom GNSS modules support multi-constellation global navigation systems, offering high-performance GNSS solution for location-intensive IoT applications.





Fibocom GNSS module G010

Fibocom's G010 module is a cost-effective GNSS positioning module supporting multi-constellation global navigation systems, including BeiDou, GPS, GLONASS, Galileo and QZSS. With the size of 10.1x9.7x2.5mm, the compact module allows much flexibility and ease of integration for customer's application. It also optimizes power consumption without compromising GNSS performance, improving cost performance and competitive advantages.

Professional

Model	Bands	Region	Form Factor
G021RS-01	/	Global	LCC
G021RD-01	/	Global	LCC
G021D-01	/	Global	LCC

Industrial-grade

Model	Bands	Region	Form Factor
G0411-02	/	Global	LCC
G010-02	/	Global	LCC
G021-00	/	Global	LCC
G020-00	/	Global	LCC