

# ANTENNOVA GPS Modules and Chip Antennas



## GPS RADIONOVA RF M10214-A1 ANTENNA MODULE

The world's smallest RF antenna module incorporating a SiRFstarIII GPS chipset and optimized with Antenna's high efficiency complementary GPS antenna. This is a flash based highly integrated GPS RF Antenna Module suitable for L1-band GPS and A-GPS systems. The device is based on the high performance SiRFstarIII™ GPS architecture combined with Antenna's high efficiency complementary antenna technology.

For quantities of 25 and up, call for quote.

MOUSER STOCK NO.	Antenna Part No.	Description	Dimensions	Price Each	
				1	10
237-M10214-A	M10214-A1	GPS Radionova RF Antenna Module	43 x 9 x 4 mm	51.50	47.50
<b>Connector Hardware</b>					
538-53309-1670	53309-1670	Molex 16P Right Angle SMT Connector	--	4.58	4.21
383-3M0H01	H003MO-H01C000RR	1-Pos Pogo Pin Connector 90°	--	1.22	.81



## GPS RADIONOVA M10214-K1 EVALUATION KIT AND HARDWARE

A complete GPS solution in a box for the development of GPS enabled devices. This provides the necessary hardware and procedures for the proper evaluation of Antenna's GPS RADIONOVA® M10214-A1 RF Antenna Module's. Allows users to develop a complete working GPS solution and become experienced with the benefits of the RF antenna modules earlier in the design cycle. Kit contains: 2 GPS Modules, 1 Test Board, 1 USB Cable, Printed User Guide and CD-ROM w/ documentation.



MOUSER STOCK NO.	Antenna Part No.	Description	Price Each
237-M10214-A-K	M10214-K1	GPS Radionova RF Development Kit	320.51

## GIGANOVA® WIRELESS ANTENNAS

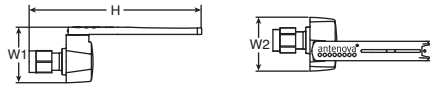
Antenna offers the gigaNOVA® range of market leading standard antenna solutions for 2.3GHz, 2.4GHz, 2.5GHz, 5GHz, GPS, GSM and ISM900 bands. Designed for ease of integration into wireless devices, they are the smart choice for GPS, Bluetooth, Wi-Fi, ZigBee, WiMAX and cellular M2M applications. The gigaNOVA® line of antennas offers external swivel antennas and internal SMD and snap-in antennas.

### gigaNOVA® External Antennas

Intended for SMA mounting

#### Specifications:

- Frequency: 2.4GHz
- Impedance: 50Ohm
- Operating Temperature: -40 to + 85°C
- Antenna type: Swivel



For quantities of 100 and up, call for quote.

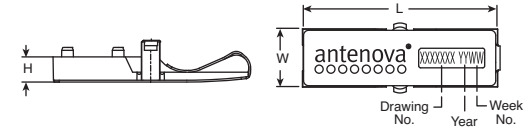
MOUSER STOCK NO.	Antenna Part No.	Weight (gram)	Dimensions W1 x W2 x H	Description	Price Each			
					1	10	25	50
237-2010B4844-01	B4844-01	7.1g	20 x 19.5 x 62.5 mm	Titanis 2.4GHz Swivel SMA Antenna	33.00	30.00	27.50	24.30
237-2010B6090-01	B6090	7.1g	20 x 19.5 x 62.5 mm	Titanis 2.4GHz Swivel Reverse Thread SMA Antenna	33.00	30.00	27.50	24.30

### gigaNOVA® Internal Snap-In Antennas

MOUSER STOCK NO.	Description	Price Each
237-RB-FLAVUS-2.4	Reference Board for Flavus 2.4GHz	150.00
237-RB-FLAV-868-915	Reference Board for Flavus 868/915MHz	150.00
237-1020B5812-04-U1	Reference Board for Flavus GSM	150.00

#### Specifications:

- Frequency: 2.4GHz, 868/915MHz or Pentaband (GSM850/GSM 900/DCS1800/PCS 1900/WCDMA)
- Operating Temperature: -40 to + 85°C
- Impedance: 50Ohm
- Antenna type: Snap-in



For quantities of 100 and up, call for quote.

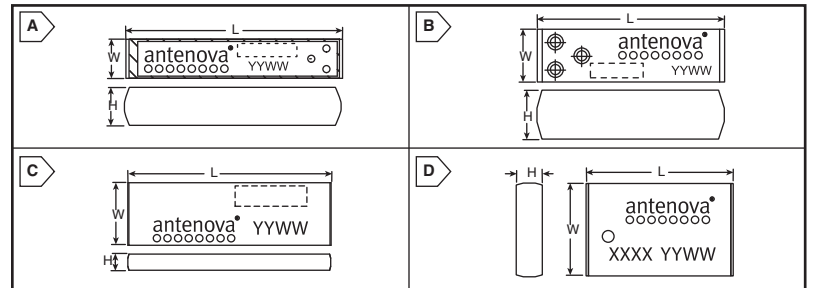
MOUSER STOCK NO.	Antenna Part No.	Weight (gram)	Dimensions L x W x H	Description	Price Each			
					1	10	25	50
237-1020B5743-01	1020B5743-01	0.6g	27.3 x 7.9 x 3.45mm	Flavus 2.4GHz Snap-In Antenna for 0.8mm PCB	6.20	5.95	5.60	5.30
237-1020B5812-01	B5812-01	0.6g	27.3 x 7.9 x 3.45mm	Flavus 868/915 or Pentaband Snap-In Antenna for 0.8mm PCB	6.00	5.75	5.45	5.15
237-1020B5812-04	B5812-04	0.6g	27.3 x 7.9 x 3.45mm	Flavus 868/915 or Pentaband Snap-In Antenna for 1.6mm PCB	6.00	5.75	5.45	5.15

### gigaNOVA® Internal SMD Chip Antennas

Antenna's Reflexus A10315 and Calvus A10340 are the newest addition to their gigaNOVA Internal SMD Chip Antenna offering. The two new cellular penta-band SMD antennas are designed for ease of integration into wireless devices. The Reflexus A10315 and Calvus A10340 antennas are ideally suited for an extensive range of embedded cellular applications such mobile handsets, femto base stations, vehicle tracking, remote monitoring and other M2M applications.



MOUSER STOCK NO.	Description	Price Each
237-RB-COMATA	Reference Board for Comata 2.4GHz	150.00
237-AN-1-0668-4	Reference Board for Mixtus 2.4/5GHz	225.00
237-RB-RUFA-LT	Reference Board for Rufa Left 2.4GHz	150.00
237-RB-RUFA-RT	Reference Board for Rufa Right 2.4GHz	150.00
237-RB-IMPEXA-LT	Reference Board for Impexa Left 2.4GHz	150.00



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Antenna Part No.	Fig.	Weight (gram)	Dimensions L x W x H	Description	Price Each		
						1	10	25
237-3030A5645-01	A5645	A	0.5g	20.5 x 3.6 x 3.3mm	Mica 2.4GHz SMD Chip Antenna	4.20	3.90	3.60
237-3030A6111-01	A6111	B	0.3g	12.8 x 3.6 x 3.3mm	Comata 2.4GHz SMD Chip Antenna	3.80	3.60	3.40
237-A10194	A10194	D	0.2g	10.4 x 10.4 x 0.8mm	Mixtus Dual-Band 2.4/5GHz Wi-Fi SMD Chip Antenna	6.10	5.86	5.51
237-3030A5839-01	A5839	C	0.1g	12.8 x 3.9 x 1.1mm	Rufa 2.4GHz SMD Chip Antenna Left Feed	3.80	3.60	3.40
237-3030A5887-01	A5887	C	0.1g	12.8 x 3.9 x 1.1mm	Rufa 2.4GHz SMD Chip Antenna Right Feed	3.80	3.60	3.40
237-3030A6150-01	A6150	D	0.05g	6.1 x 3.9 x 1.1mm	Impexa 2.4GHz SMD Chip Antenna Left Feed	2.25	2.11	2.00
237-3030A6250-01	A6250	D	0.05g	6.1 x 3.9 x 1.1mm	Impexa 2.4GHz SMD Chip Antenna Right Feed	2.25	2.11	2.00
237-A10192-L	A10192	D	<0.03g	4.0 x 3.0 x 1.1mm	Fusca 2.4GHz SMD Chip Antennas	3.49	3.34	3.11
237-A10340	A10340	C	<2	27 x 8 x 3.2 mm	Calvus Penta-band SMD Chip Antenna	6.18	5.96	5.64
237-A10315	A10315	A	2.5	40 x 10 x 3.2 mm	Reflexus Penta-band SMD Chip Antenna	6.61	6.37	6.03

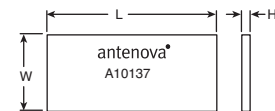
### gigaNOVA® Internal GPS Antennas

Antenna offers high efficiency embedded GPS antennas suitable for handheld & portable device applications.

The new Brevis is a low profile, small footprint, high efficiency embedded GPS antenna for use in all GPS applications where small size and near omni-directional pattern is an advantage.



MOUSER STOCK NO.	Antenna Part No.	Description	Price Each
237-RB-GPS-GP	A10137-R-U1	Reference Board for Co-planar GPS 1575MHz, General Purpose	150.00
237-RB-GPS-D	A10137-D	Reference Board for Co-planar GPS 1575MHz, Dongle	150.00
237-A10204-U1	A10204-U1	Reference Board for Brevis GPS 1575MHz	225.00



For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Antenna Part No.	Weight (gram)	Dimensions L x W x H	Description	Price Each		
					1	10	25
237-AN-1-0361-2	A10137	0.7g	20.1 x 9 x 1.6mm	Co-planar GPS 1575 MHz Surface Mount Chip Antenna	7.00	6.75	6.40
237-A10204	A10204	<0.2g	22 x 3 x 3mm	Brevis GPS 1575 MHz SMD Chip Antenna	5.87	5.66	5.36