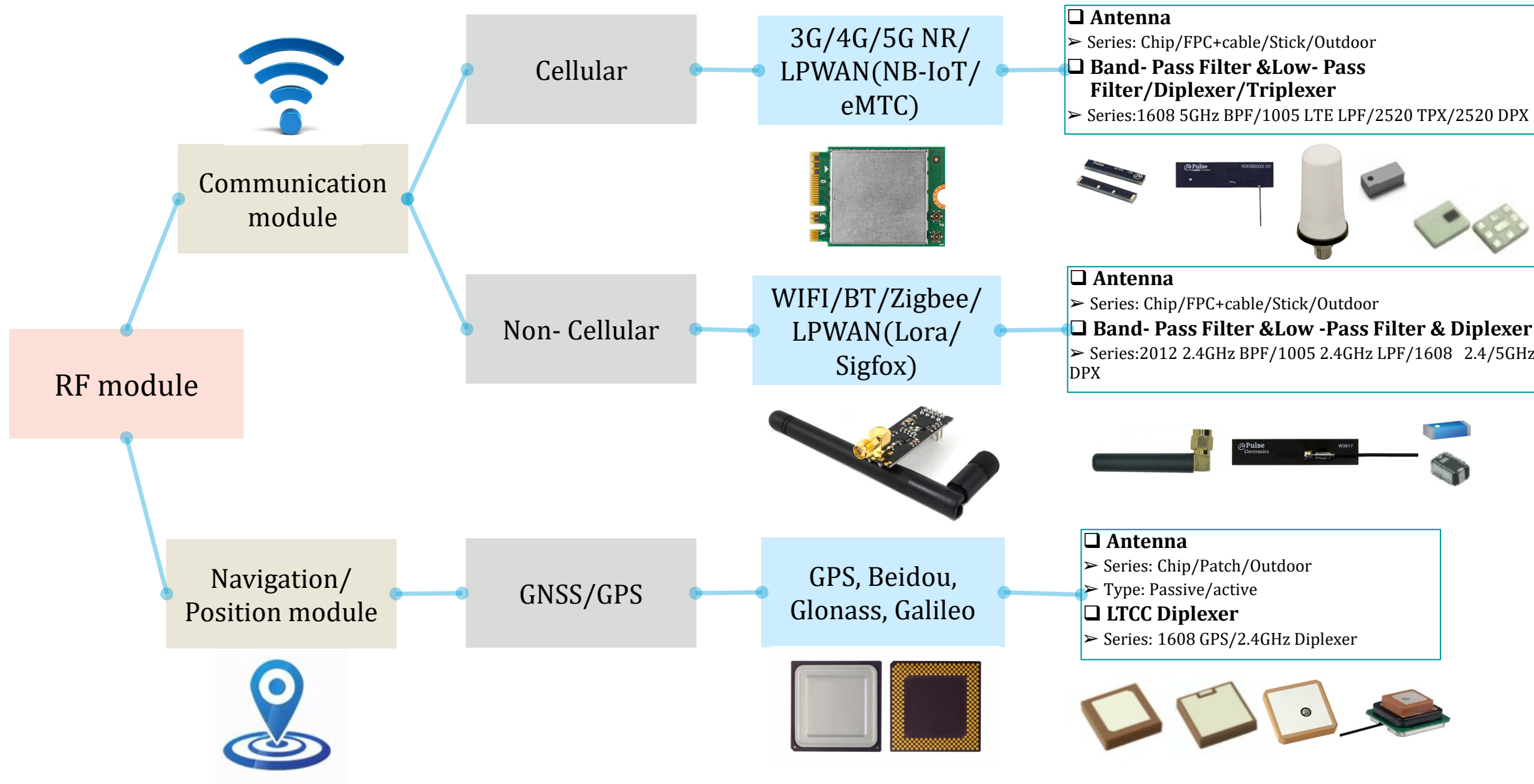


Pulse Electronics'
Wireless Solutions for
RF Modules

12/3/24



Pulse Wireless Solution Overview for RF Modules



Pulse Wireless Solution Overview for RF Modules

Application Module	Series	Type	Description	Pulse Parts Number	Remark
5G NR/LTE4G/GSM3G	Antenna	Chip	4G/5G SMD antenna/40*7*3mm	W3415	Available
		FPC+cable	5G NR/116*30*0.1mm	W3435B0100	
		Stick/Blade	5G NR/223.5*30mm	W5150	
		Outdoor	LTE4G ground mounting/78*38mm	SLPT698/2170DMNW	
	RF Component	LTCC Band-Pass Filter	1608 5GHz BPF	BPF1608LRPRR5000L	
		LTCC Low-Pass Filter	1005 LTE Low Band (698-960MHz)	LPF1005LM55R0709A	
		LTCC Diplexer	2520 0.7-2.7Ghz, N77+5G DPX	DPX2520LKXCRWH46L	
		LTCC Diplexer	2520 0.7-2.1/2.3-3.8G DPX	DPX2520LWWDRWP31L	
	LTCC Triplexer	2520 698~960 / 1452~2170 / 2496~5850 MHz TPX	TPX2520LKTBR0914A		
LPWAN(NB-IoT/eMTC)	Antenna	FPC+cable	LTE4G/112*20*0.1mm	W3907B0100	Available
		Embedded	LTE4G/40*7*3mm	W3796	
		LTCC Band-Pass Filter	1608 B39 BPF	BPF1608LM02R1880A	
		LTCC Low-Pass Filter	1005 B41 LPF	LPF1005LRRAR2595L	
WIFI/BT/Zigbee	Antenna	Ceramic chip	BT/WIFI2.4G/3216	ANT3216LL00R2400A	Available
		FPC+cable	WIFI2.4+5G/42.6*8.6mm	W3917B0100	
		Stick/Blade	WIFI2.4+5G/143mm length	W5162	
	RF Component	LTCC Band-Pass Filter	2012 2.4GHz BPF	BPF2012LRABR2400L	
		LTCC Low-Pass Filter	1005 2.4GHz LPF	LPF1005LL50R2400A	
		LTCC Diplexer	1608 2.4/5GHz DPX	DPX1608LKEXR2455L	
LPWAN(Lora/Sigfox)	Antenna	Helical	433-470Mhz/37.6mm length	W3149	Available
		Ceramic chip	ISM868/10*3.2*4mm	W3013	
		FPC+cable	ISm868/915/75*15mm	W3312B0100	
	RF Component	LTCC Low-Pass Filter	1608 915MHz LPF	LPF1608LWCKR0915L	
		LTCC Low-Pass Filter	2012 433MHz LPF	LPF2012LM50R0433A	
GPS, BD,Glonass, Galileo	Antenna	Passive Patch	GNSS/25*25*4mm	W3223A	Available
		Passive Patch	GNSS/18*18*4mm	ANT1818B00FTGNSSS	
		Active Patch	GNSS/30*30*8mm	GPSGB2530	
		Active Patch	L1+L5/25*25*12mm	ANT1825JB01BGNL5A	
	RF Component	LTCC Diplexer	1608 GPS/2.4GHz Diplexer	DPX2012LKGURGN25A	
All parts can be customized per the customer's requirement/specification.					



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