

Pulse Electronics'
Wireless Solutions for
Smart Meters

12/3/24



Pulse Wireless Solution Overview for Smart Meters

■ LTE4G/GSM3G

- **Antenna type: External stick/magnetic type**
- Series: LTE4G/GSM3G
- Customize metal stamping



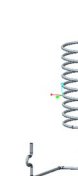
■ WIFI

- **Antenna: Chip/Magnetic type**
- Series: WIFI2.4G
- Size: 3206/5320
- **Band Pass Filter & Low Pass Filter**
- Series: WIFI2.4G
- Size: 1005/1608/2012



■ LPWAN (Lora/NB-IoT)

- **Antenna Type: Helical/Metal stamping**
- Series: Lora/NB-IoT
- Size: 169/433/868/915MHz
- Improved performance with customize antenna



■ BT/Zigbee

- **Antenna: Chip type**
- Series: BT/Zigbee
- Size: 3206/2012
- **Band Pass Filter & Low Pass Filter**
- Series: BT/Zigbee
- Size: 1005/1608/2012



Pulse Wireless Solution Overview for Smart Meters

Application	Series	Type	Description	Pulse Parts Number	Remark
LTE4G/GSM3G	Antenna	Stick	GSM3G/49.5*18.2mm	W1900/W1902	Available
		Magnetic	LTE4G/311mm length	W1801	
LPWAN(Lora/NB-IOT)	Antenna	Helical	433-470Mhz/37.6mm length	W3149	Available
		Helical+ PCB	169MHz/103mm length	W3888	
WIFI	Antenna	Ceramic chip	WIFI2.4+5G/3216	ANT3216LL00R2400A	Available
		Ceramic chip	WIFI2.4/5320	ANT5320LL24R2400A	
		Magnetic	WIFI2.4/145mm length	W1832	
	RF Component	BPF	2.4GHz BPF /1608	BPF1608LM02R2400A	
		LPF	2.4GHz LPF /1608	LPF1608LL53R2400A	
Zigbee/BT	Antenna	Ceramic chip	WIFI2.4/3216	ANT3216LL00R2400A	Available
		Ceramic chip	WIFI2.4/3216	W3008C	
	RF Compoent	BPF	2.4GHz BPF /2012	BPF2012LRQCR2400L	
		LPF	2.4GHz LPF /1005	LPF1005LL50R2400A	

All parts can be customized per the customer's requirement/specification.



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