



Sample Kit 2010



# SAW Filters for Wireless AMI Metering

Center Frequency 315 MHz up to 2.4 GHz  
NAFTA Edition

[www.epcos.com](http://www.epcos.com)

## SAW Filters for Wireless AMI Metering – NAFTA Edition

f <sub>c</sub> [MHz]	Type	Usable bandw. [MHz]	Feature	f <sub>c</sub> [MHz]	Type	Usable bandw. [MHz]	Feature
400.00	B3742	0.25	IF filter - narrow band	869.00	B3716	2.00	EU - water, gas, electric market
422.00	B3911	4.00	East European frequency	915.00	B3588	26.00	ISM band, increased power durability
433.92	B3740	0.36	EU - water and gas market narrow band filter in quartz	915.00	B3728	26.00	Max. attenuation at 894 MHz for GSM co-locating
457.50	B3906	15.00	USA - water market - addresses digital TV interference	915.00	B4301	26.00	ISM band 1411 CSSP package
460.00	B3590	20.00	USA - water market	915.00	B3726	10.00	Narrow band ISM
868.30	B3744	0.60	EU - bal./unbal. operation possible	942.50	B3512	35.00	Japan, USA licensed band
	B3734	0.30	EU - bal./unbal. operation possible, high RFID suppression	944.00	B3904	32.00	Extra ISM band usability between 902 ... 914 MHz
868.60	B3746	1.20	EU - bal./unbal. operation possible, high RFID suppression, low IL, multi channel	2448.50	B3912	97.00	20 dBm power durability for use in Tx path, ZigBee connection

### EPCOS SAW Filters for industrial use

- Designed for harsh environment -40 °C to +125 °C (Automotive AEC Q200 qualified)
- Long term availability ■ High power durability ■ Custom designs, adjustments available upon request

■ For additional SAW filters please go to [www.epcos.com](http://www.epcos.com) → *Product Catalog* → *SAW Components and Modules* → *Automotive Electronics*

■ For application support and/or customized SAW filters, please contact your local TDK-EPC sales office

**Important information:** It is incumbent on the customer to check and decide whether a product is suitable for use in a particular application. Our products are described in detail in our data sheets. Our *Important notes* and the product-specific *Cautions and warnings* must be observed. All relevant information is available through our sales offices.

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Sample kit ordering code:  
B39000Z3410A002

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