



Press Release for the Trade Press

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BAW duplexers: Volume production started

EPCOS' innovative duplexers in bulk acoustic wave (BAW) technology have gotten off to a successful start: EPCOS has begun volume production of B7633 series BAW duplexers and is supplying them to a leading US manufacturer of mobile phones.

BAW technology allows the production of frequency-selective filters and duplexers for applications in which conventional surface acoustic wave (SAW) technology comes up against its limits and cannot meet the required electrical specifications. BAW technology combines the high power compatibility of microwave ceramic filters with the compact dimensions of SAW filters. The new BAW duplexer is suited for mobile communications applications operating in the US PCS or WCDMA band II.

The footprint of the B7633 BAW duplexer is 5 x 5 mm² with an insertion height of 1.35 mm. The duplexer offers a low insertion loss of 3.6 dB in the Rx band and 2.7 dB in the Tx band and combines good Rx-Tx insulation values of 57 dB in the Tx band with 44 dB in the Rx band.

EPCOS – world market leader for SAW components – is a leading supplier of BAW duplexers for the high-growth market of CDMA and WCDMA mobile telephones. A new and more highly miniaturized generation of BAW duplexers with a footprint of only 3.8 x 3.8 mm² is currently under development.

You can download the text of this press release from www.epcos.com/tradepress
For further information on the products presented here, go to www.epcos.com/inquiry

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