



Newsletter 12/2009

Dear Customer,

welcome to the December 2009 issue of ROHM's Email Newsletter. If you want to change your contact details or if you do not want to receive the Newsletter anymore please use the link at the end of this page.

ROHM Semiconductor Europe wishes all of you and your families Season's Greetings and a happy New Year for 2010.

ML22(Q)34x: Stand-alone Playback IC family for an easy integration of audio features

ROHM Semiconductor starts the promotion of the ML22(Q)34x Playback IC family, a series of low power audio decoder with integrated Mask ROM or Flash memory and 1W monaural speaker amplifier.

Events that are triggered by switches or sensors can directly start speech or sound playback without the need of an additional Microcontroller. In addition it allows controlling peripheral circuits such as LEDs. The IC series incorporates all peripheral components necessary for speech and sound output in a single chip. Because of these features it can be easily used to integrate audio functions into existing and new electronic systems.

ROHM Semiconductor provides an evaluation kit, which allows an easy creation of the ROM code on the PC and a simple programming of audio data into the flash memory.



[More Information on www.rohmeurope.com](http://www.rohmeurope.com)

ROHM's Schottky Barrier Diodes/Zener Diodes

Schottky Barrier Diodes

Original fine process technology and a unique device structure have enable ROHM to develop Schottky barrier diodes that feature simultaneously low VF and IR - an unprecedented accomplishment - for higher efficiency, lower loss and greater reliability. As a result, the RSX Series commands a large market share.

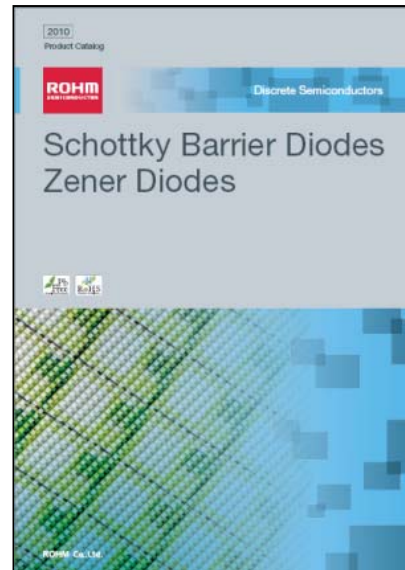
The RB series, widely used in industrial, commercial and automotive applications, is available in both surface mount and axial package types.

ROHM offers a wide range of packages, from the industry's smallest (GMD2: 0603 size) to standard high power types (TO-220), enabling selection of the ideal solution to meet virtually any need.

Zener Diodes

ROHM offers Zener diodes in a variety of sizes, including one of the smallest on the market - in the 0603-sized GMD2 package. In addition, ultra-low capacitance models (0.3pF) are available optimized for use as ESD surge protection devices in automotive systems and high-speed signal lines (i.e. USB2.0).

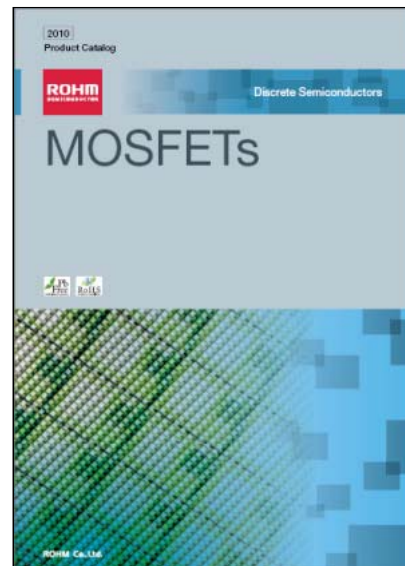
The RSB Series offers bidirectional (positive/negative) surge protection in a single package, ideal for use in high density and portable applications of all types, including mobile phones and next-generation automotive systems.



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MOSFETs

ROHM offers a wide selection of MOSFETs, ranging from ultra-low ON-resistance products utilizing micro-process technology, high efficiency/breakdown units for switching applications and high power components optimized for commercial/industrial systems.



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