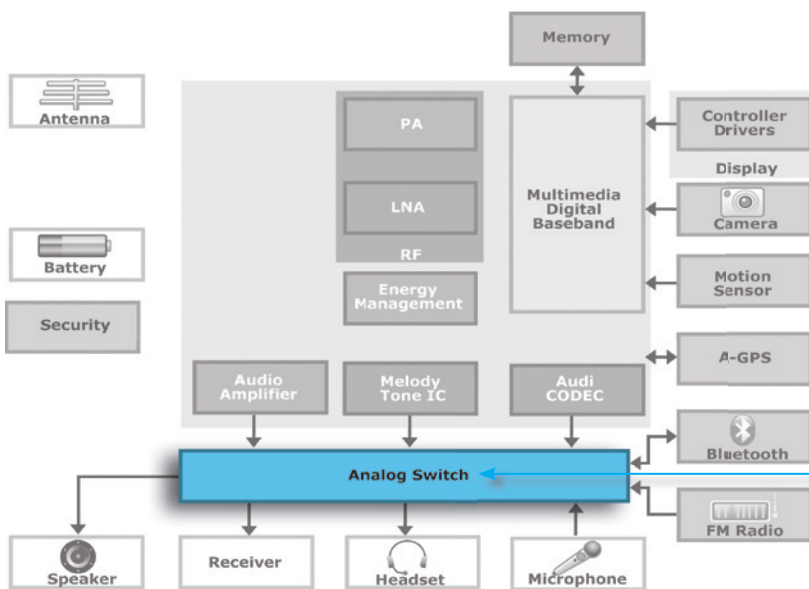


Solutions

NEATSwitch™ Analog Switches make switching mobile phone features easier than ever for optimum space and time to market trade-off

Innovative products for multi segment application systems

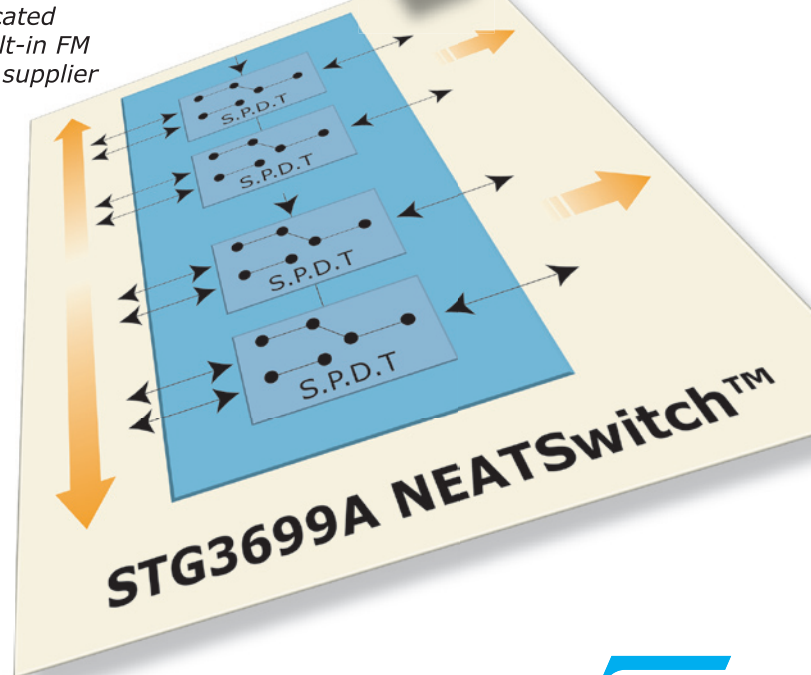


Four analog switches in a super small SMD package - the NEAT solution from ST.

ST global solutions not only give you a wider choice, they help you stay ahead of the game. NEATSwitch devices, for example, respond to the need to balance handset features, time to market and cost while satisfying consumer appetites for sophisticated features such as polyphonic ringtones, MP3 playback, built-in FM radio, etc. That's why STMicroelectronics is the preferred supplier for switching devices in wireless telecommunication.

Main NEATSwitch Family Features

- Single Pole Single Throw (SPST), Single Pole Dual Throw (SPDT) switching configuration
- Available in single, dual or quad channels
- Minimum distortion with low on-resistance R_{on} , as low as 0.5Ω max
- High bandwidth, up to 250MHz
- 1.8V compatible threshold input pins for low voltage baseband
- Wide Vcc range from 1.4 to 4.3V, enabling direct power supply from lithium ion battery
- Wide package portfolio with new package options soon to be introduced including, QFN16 (2.5x2.5mm) and DFN10 (2.5x1.3mm)



For full documentation, datasheets and application notes visit www.st.com/neatswitch

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