

Broadcast Radio



Key Features

- **High integration level** — Atmel antenna ICs include an automatic gain control, supply voltage regulator with overvoltage protection, and an antenna sensor in a 3 x 3mm footprint.
- **Excellent RF performance** — Atmel antennas deliver crystal-clear reception without distortion even under extremely difficult and rapidly fluctuating field strength conditions typically found in moving antenna systems.
- **Antenna deployment flexibility** — Atmel's antenna devices can be used in pole, shark fin, short pole or glass/window locations, and are designed to accommodate increasingly complex global automotive manufacturing requirements and ever smaller locations.

Broadcast Radio Devices

Device Family	Summary Benefit	Applications	Technologies	Key Parameters
<u>Active Antenna ICs</u>	Broad operating frequency range of up to 790MHz, and cover regional broadcast systems, including DMB in Korea, DVB-T in Europe and U.S. and ISDB-T in Japan. Industry's best noise performance and excellent linearity behavior	Antennas		AM/FM High Dynamic Range Adjustable FM amplifier

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