

Car Access



Key Features

- **Complete product offering** — With Atmel, you can create your own dedicated designs whether you choose our low-power transmitter IC family, receiver IC family, or microcontroller family. Our broad product scope includes dedicated RF transmitters, receivers and transceivers, as well as integrated RF, LF, and AVR® microcontrollers to meet all your design needs. Our newest receivers offer even better integration and sensitivity to lower your application costs.
- **Highly secure solutions** — Atmel's automotive safety portfolio features extremely secure PEG solutions with a bi-directional RF link and dedicated LF wake-up channel. All new Atmel car access products are based on the AES-128 encryption standard for maximum security.
- **Open standards** — Atmel's open source AES-128 immobilizer protocol stack eliminates the problems that prevent car manufacturers from adopting multi-vendor sourcing strategies and gives you the freedom to choose components that best fit your needs.

Car Access Devices

Device Family	Summary Benefit	Applications	Technologies	Key Parameters
	Receivers			
	Transmitters			
	Transceivers			
<u>Car Components</u>	Antenna driver ICs	Car Access		Power-saving features
<u>Key Components</u>	Power-down clock delivery reset low battery indicator receive/transmit polling operations	RKE and access control systems	AES-128	Cryptography

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