

Automotive Control



Key Features

- **Robust design** — You can choose Atmel components with confidence, knowing they are fully engineered to fulfill OEM quality requirements towards zero defects and manufactured to AEC Q100 qualifications.
- **Power-saving features** — Atmel embeds features into its devices to conserve power. For example, timers in control devices switch off high wattage loads after a preset time period. Our power-on-reset guarantees that current-consuming devices do not operate unintentionally.
- **Standards-based, rigorously tested devices** — You can depend on Atmel quality. Our devices comply with strict automotive industry qualifications, and are manufactured in automotive-qualified fabrication facilities that meet ISO 9001:2000, ISO TS 16949:2002, ISO 14001:2004, and AEC-Q100 standards. All Atmel ICs are rigorously tested by third-party agencies to meet “zero defect” industry requirements.
- **Extensive technical support** — Demonstration and evaluation kits, detailed documentation and reference designs, and experienced design help from Atmel application engineers get you started designing quickly and to market faster.

Automotive Control Devices

Device Family	Summary Benefit	Applications	Technologies	Key Parameters
Dashboard Dimmers	Control the dashboard light brightness	Lamp brightness control systems, especially dashboard applications	Bipolar Technology	PWM
Flashers	Direction indication Hazard warning lights	Flashers		Trailer control 12/24
Lamp Outage	Consistently detect brake	Lamp outage		2-comparators

