

Eight practical ways to lower ECU project costs

Scale efficiently, cut costs, and stay in control

ECU projects are growing in complexity while compliance pressure rises. Cost control now depends on smarter integration and clearer ownership. Here is how to keep budgets steady and schedules protected. These eight ways give teams a practical path to lower cost, reduce delays, and maintain control from design to launch.

Reduce AUTOSAR software costs by as much as **30%**

- Migrate to EB tresos with expert support
- Preserve existing AUTOSAR configuration
- Smooth transition without disrupting tooling ecosystem



License costs – **50%** savings possible

- Flexible licensing: From single ECUs to full vehicle lines
- Pricing options: Upfront for predictable budgets or volume-based for scalability
- Pay only for what you need, when you need it



Save up to **6 months** of engineering effort

- Pre-integrated startup packages developed with top semiconductor vendors & OEMs
- Ready-to-use solutions minimize integration efforts
- Streamline development to cut time and cost



Shorten development cycles up to **40%**

- Outsource your software development & integration
- Reduce internal workload
- Accelerate time-to-market



Reduce ECU hardware costs as much as **50%**

- Fail-operational software ensures safety even if hardware fails
- Software redundancy replaces extra hardware
- Build resilient systems for higher autonomy



Lower development costs for small ECUs up to **25%**

- Lightweight stack cuts footprint by up to 30%
- Streamlined integration reduces effort
- Save up to 25% across hardware & software



Cut network hardware costs up to **20%**

- Offload networking tasks to dedicated hardware
- Reduce CPU load by up to 60%
- Enable cost-effective processors & scalable networks



15 years of cybersecurity maintenance

- Long-term protection aligned with UN R155 & ISO/SAE 21434
- Pre-certified components minimize rework
- Consistent security across vehicle generations



Experience full cost transparency with Elektrobit

Upfront pricing, no hidden fees | No mandatory add-ons or surprise costs | Predictable, easy-to-manage investment

Ready to discuss your potential savings analysis?

[Contact us](#)