

Body Electronics

KPIT is a trusted technology partner for OEMs and Tier1s to develop intelligent body electronics features. We offer best-in-class solutions enabling you to cater to end consumers' need for style, comfort, and convenience.

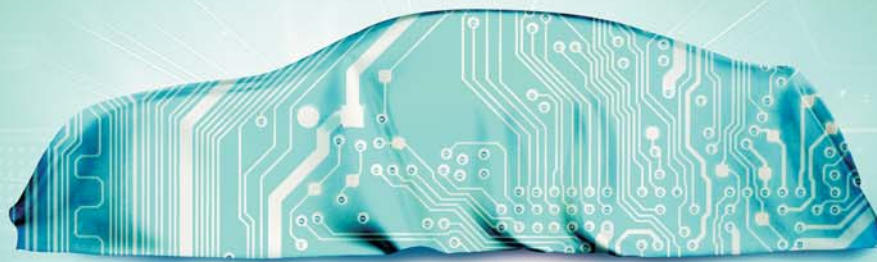


SUN ROOF CONTROL

POWER WINDOW & DOOR CONTROL MODULE



SEAT COMFORT



REMOTE KEYLESS ENTRY



SMART MIRRORS & WIPERS

AUTO HVAC



BODY CONTROL MODULE

POWER MANAGEMENT MODULE



10⁺ Body Electronics ECUs Developed





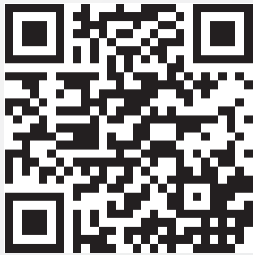




16⁺ Active Engagements with leading OEMs & Tier1s

Compliant to **AUTOSAR** ISO 26262

Your end-to-end partner for Body Electronics solutions

	Service Offerings	Overview
Product Development Partner	System Development (Design House)	Rapid Prototyping & Solutions integrating various Sub-Systems in automobiles
	Verification & Validation, including HIL (Testing House)	Cost effective approach to testing Reuse of MIL test vectors Automation
	Vehicle HIL	Functional validation of vehicle features distributed in multiple ECUs
Efficiency/ Productivity Improvement	Re-architecture / MBD	Software product line approach (SPLA) via MBD technology Adhering to ISO26262 AUTOSAR compliant
	Requirement Management	Requirements Development Configuration Management Requirements Migration
	Other (Tools..)	Testdrive Style check CBA (Continuous Build Automation) for quality control UKKA
Innovation & Product Improvement	Product Innovation	Idea generation Feasibility Frugal Engineering Production intent Design and Support
	AUTOSAR Application Migration	Clusters Legacy code to AUTOSAR migration MBD to AUTOSAR migration
	ISO Migration	Identify gaps in current processes Help in ISO 26262 process framework using MBD
	Value Engineering	Benchmarking Process improvement Design Optimization Components Integration
System/ Software Products	HVAC	HVAC - SYSTEM INTEGRATION Software & HMI ECU Hardware & Sensors - Specifications
	Wiper Control	Rain Sensing Wipers Redesign with low cost 16-Bit microcontroller
	Multi-Function Door Module	Programming for automatic door closure assembly Anti-Pinch window module Central locking & mirror control
	Energy Management Module	Feasibility Study Development of Power load Management Specification for the entire vehicle
	Reusable software products	Software component can be reused for multiple variants due to Model based development.
	Software Testing As a Service	Software testing at low cost, high quality and quicker time to market

Solutions across Automotive Sub-systems

 AUTOSAR	 Chassis/Safety	 Engineering Design	 Functional Safety	
 Infotainment	 Instrument Cluster	 Powertrain	 Vehicle Diagnostics	

For more information: email: body@kpit.com • website: www.kpit.com

About KPIT

KPIT, a product engineering and global IT consulting partner, is focused on co-innovating domain intensive technology solutions for corporations specializing in automotive & transportation, manufacturing and energy & utilities. A leader in technology solutions and services, KPIT currently partners with 180+ global corporations including Original Equipment Manufacturers (OEMs), semiconductor companies and Tier 1 companies.