GLOSSARY OF TECHNICAL TERMS

This glossary contains explanations of certain technical terms used in this Document. As such, these terms and their meanings may not correspond to standard industry meanings or usage of these terms.

"ACC"	adaptive cruise control
"AD"	autonomous driving. By utilizing various sensors, cameras, and advanced software algorithms, AD aims to enable vehicles to perceive their environment, make decisions, and control their movements without human intervention
"ADAS"	advanced driver assistance system. ADAS is designed to assist drivers in the operation and safety of vehicles, by utilizing various sensors, cameras, and software algorithms to provide additional functionalities and enhance the driving experience
"AEB"	automatic emergency braking
"APA"	auto parking assist
"API"	application programming interface, a type of software interface offering a service to other pieces of software
"AUTOSAR"	AUTomotive Open System ARchitecture, a global partnership of leading companies in the automotive and software industry to develop and establish the standardized software framework
"BEV"	bird's-eye view, an elevated view of an object or location from a very steep viewing angle, creating a perspective as if the observer were a bird in flight looking downwards
"BEV Transformer"	one of the novel models in autonomous driving
"CAGR"	compound annual growth rate, measures an investments' average annual growth over a given period

GLOSSARY OF TECHNICAL TERMS

"C-NCAP"	China New Car Assessment Program, a vehicle safety assessment program specific to China. C-NCAP evaluates the safety performance of vehicles sold in the Chinese market and provides safety ratings based on various crash tests and assessment criteria
"CPCA"	China Passenger Car Association
"design-win"	large-scale adoption of the product or solution in vehicle models
"ECU"	electronic control unit
"EDA"	electronic design automation
"E-NCAP"	European New Car Assessment Program, a vehicle safety assessment program specific to Europe. E-NCAP evaluates the safety performance of vehicles sold in the European market and provides safety ratings based on various crash tests and assessment criteria
"FAE"	field application engineer
"FPS"	frame per second
"ICA"	intelligent cruise assist
"IHB"	intelligent high beam
"LCC"	lane centering control
"LiDAR"	light detection and ranging
"LKA"	lane-keeping assist
"MP" or "megapixels"	a unit of measurement equivalent to 1,000,000 pixels
"NEV"	new energy vehicle
"NOA"	navigate on autopilot
"OEM"	original equipment manufacturer
"PCM"	process control monitor

GLOSSARY OF TECHNICAL TERMS

"PMIC"	power management integrated circuits
"SALI"	statutory automobile liability insurance
"SOP"	start of production, the start of series production of vehicles or vehicle parts
"TJA"	traffic jam assist
"tier-one" or "tier-one supplier"	the highest level of suppliers that directly provide components, systems, or modules to OEMs
"top 10 Chinese OEMs"	top 10 Chinese OEMs in terms of sales volume in 2023, according to CIC
"VPA"	valet parking assist
"Watt"	a unit used to measure how much power something uses or produces, and one watt is equivalent to one joule of energy transferred or used per second