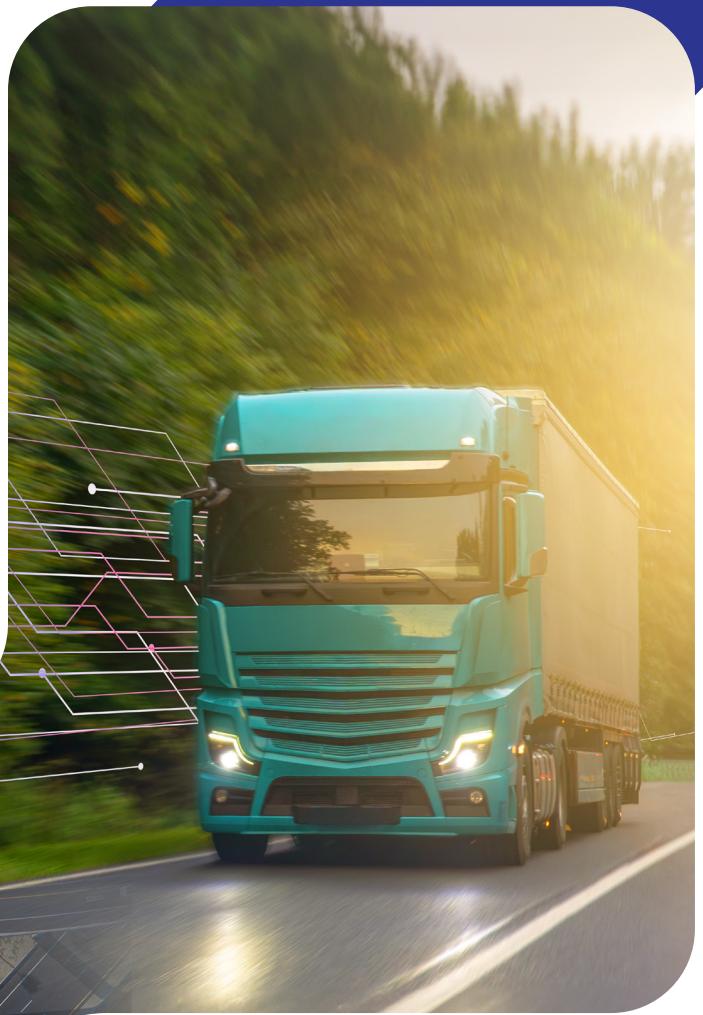
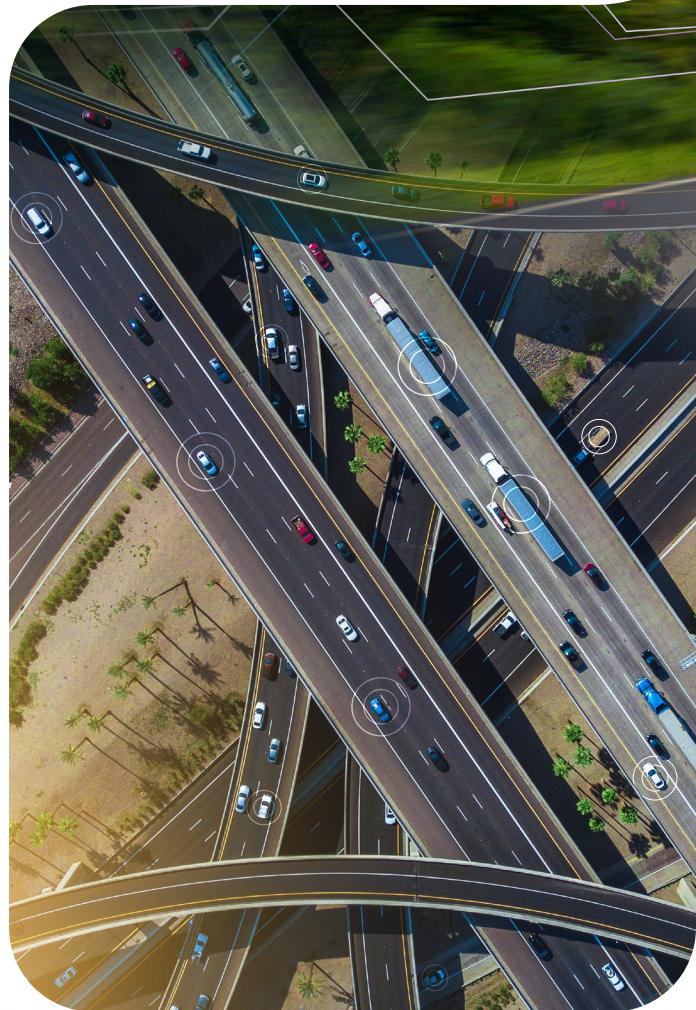


EMPOWERING EVERY JOURNEY.

Automotive electronics for
connected, intelligent mobility.



Accolade Electronics (AEPL) designs and manufactures automotive-grade electronics that enable connected vehicles. From regulatory-compliant telematics to next-gen vehicle systems, we deliver reliable, secure, and scalable solutions. AEPL's platforms are engineered for long lifecycles, seamless integration, and OTA-driven evolution, ensuring compliance and future-readiness in a rapidly evolving industry.

Connected mobility demands zero downtime, no compliance gaps, elimination of hardware churn, and *unwavering safety standards*.

Telematics Platforms For Real-World Mobility Challenges.



Solving real deployment challenges—compliance, integration, scalability, and future readiness.

Lakshya
(ATL-1000)



High-Volume Basic Tracking

A compact, cost-effective tracking solution for large-scale traceability, delivering low power, reliable performance at scale. **Best suited for** entry level fleet tracking, asset and vehicle traceability, and cost-sensitive high-volume rollouts.

Samparksync
(ATS140B)



Regulatory & Fleet Platform

An AIS-140 compliant telematics platform built for regulated and mission-critical fleets, delivering secure, scalable, compliance-first solutions. **Best suited for** large and mid-size fleet operators, fleet software providers, and regulatory deployments.

Tarang
(ACON-4T-PRO)



High I/O & Deeper Vehicle Data

An advanced telematics controller with high I/O and CAN integration, enabling deeper vehicle insights and enhanced control. **Best suited for** OEM integration programs, CAN-enabled applications, and advanced fleet analytics.

ATLAS-5G / ATLAS-PRO
(ACON -5T- V2X-SAT)



Next-Gen SDV Platform

A next-generation, SDV-ready telematics platform with V2X and 5G readiness, built for advanced connectivity. **Best suited for** OEMs developing connected vehicle platforms, V2X and future-mobility pilots, and next-gen SDV programs.

Connected Safety & Intelligence

Complementing advanced telematics platforms, ATA-PRO delivers real-time emergency response, geo-fenced announcements, and remote device control. **Best suited for** regulated and safety-critical fleets, OEMs and mobility providers requiring emergency and voice services, and connected vehicle platforms needing contextual alerts.



Engineered For Reliability, Security, & The Long Run.

AEPL platforms share a unified design philosophy—automotive-grade hardware, secure communication, modern connectivity, and OTA readiness—ensuring confidence across long deployments.

	SAMPARKSYNC (ATS140B)	LAKSHYA (ATL-1000)	TARANG (ACON-4T-PRO)	ATLAS-5G / ATLAS-PRO (ACON-5T-V2X-SAT)	ATLAS-4G (ATA-PRO)
Product Spec					
Operating Voltage	8 - 36 V (12V / 24V system)	8 - 36 V (12V / 24V system)	8 - 36 V (12V / 24V system)	8 - 36 V (12V / 24V system)	8 - 36 V (12V / 24V system)
Sleep Mode Current	<5mA	<5mA	<5mA @24V	<5mA	<5mA
Operating Temperature	-40C to 85C without battery 0-60C with Lithium Ion Battery	-40C to 85C without battery 0-60C with Lithium Ion Battery	40C to 85C without battery 0-60C with Lithium Ion Battery	-40C to 85C 0-60C with Lithium Ion Battery	-40C to 85C 0-60C with Lithium Ion Battery
Storage Temperature	-40C to 85C				
IP Rating	IP65	IP54	IP67	IP67	IP67
Product Validation/ Certification	AIS140	AIS004 Part 3	AIS140 & OEM DVP	AIS140 & OEM DVP	AIS140 & OEM DVP
Internal Backup Battery	Li-ION 850mAh (4 hours backup as per AIS140)	Li-ION 170mAh (2.5Hours Battery Backup)	Li-ION 850mAh (4 hours backup as per AIS140)	1100mAh (NiMh) / Li-ION (>4 hours backup as per AIS140)	1100mAh (NiMh) / Li-ION (>4 hours backup as per AIS140)
NAD Grade	Industrial	Industrial	Industrial (MDM9207)	Automotive (SA522)	Automotive (MDM9628)
Hardware	18-pin Automotive Connector	6-pin Connector	23-pin Automotive Connector	33-pin Automotive Connector	34-pin Automotive Connector
GNSS	IRNS/GPS/ BEIDOU/ Galileo/ GLONASS/QZSS	GPS/ BEIDOU/ Galileo/ GLONASS/QZSS	IRNSS/L1 Multi GNSS	IRNSS/GPS/BEIDOU/ Galileo/GLONASS/QZSS	IRNSS/GPS/BEIDOU/ Galileo/GLONASS/QZSS
External Interfaces	Ignition Input -1 DI - 4 DO-2 AI-2	Ignition Input -1 DI - 4 AI-1 DO-1(PP)	Ignition Input -1 DI - 8 DO-3 AI -2	Ignition Input -1 DI - 8 DO-4 AI -4	Ignition Input -1 DI - 5 DO-2 AI -2
CAN	CAN 2.0 - 1 CAN-FD - Upgradable	CAN 2.0 - 1 CAN-FD - Upgradable	CAN 2.0 - 2 CAN-FD - Upgradable	CAN 2.0 - 3 CAN-FD - Upgradable	CAN 2.0 - 3 CAN-FD - Upgradable
RS232	1	0	1	1	1
WiFi & BLE	BLE 4.2	BLE 4.2 (PP)	BLE 5.3 and WiFi 5 (PP)	BLE 5.3 and Wi-Fi 6E (PP)	BLE 5.0 and Wi-Fi 5 (PP)
Automotive Ethernet	No	No	100BASE-T1 (PP)	2.5GBASE-T1 with TSN	1000Base-T1
Antennas	Internal	Internal	Internal	Internal Antenna + External	Internal
Memory	NAND Flash 1Gb (Upgradeable to 4Gb)	NOR FLASH 16MB (Upgradeable to 64MB)	EMMC 8GB (Upgradeable to 64GB)	EMMC 8GB (Upgradeable to 64GB)	EMMC 8GB (Upgradeable to 64GB)
Connectivity	LTE CAT1 / 2G	LTE CAT1 / 2G	LTE CAT4 / CAT1 / 2G	5G NR / 4G (LTE Cat 19)/3G/2G	LTE CAT4 / 3G / 2G
Modem Communication Protocol Supported	TCP/MQTT/HTTPS/FTP	TCP/MQTT/HTTPS/FTP	TCP/MQTT/HTTPS/FTP/SFTP	TCP/MQTT/HTTPS/FTP	TCP/MQTT/HTTPS/FTP
International Business	Upgradable versions available for countries in regions of Africa, America, Middle East, Asian Countries	Upgradable versions available for countries in regions of Africa, America, Middle East, Asian Countries	Upgradable versions available for countries in regions of Africa, America, Middle East, Asian Countries	Upgradable versions available for countries in regions of Africa, America, Middle East, Asian Countries	Upgradable versions available for countries in regions of Africa, America, Middle East, Asian Countries
Security	Cybersecurity Compliance	No	Upgradable	Upgradable	Upgradable
	HSM	HSM - Internal/ External			
Feature	Firmware Update options	Over the Air - HTTPS RS232, CAN	Over the Air - HTTPS, CAN	Over the Air - HTTPS RS232, CAN	Over the Air - HTTPS RS232, CAN
	Crash detection & Road profile	No	No	Yes	Customizable
	Immobilizer	No	No	Customizable	Customizable
	Emergency CALL	No	No	Yes	No
	GNSS Tolling	Upgradable	No	Yes	Upgradable

AEPL's portfolio enables a seamless transition from regulation-compliant deployments to data-rich, software-defined architectures—keeping the same hardware foundation compliant, connected, and upgradeable as networks, regulations, and vehicle platforms evolve.

Manufacturing Built For The
**FUTURE OF
MOBILITY.**



Connected
Mobility



ADAS



Power
Electronics



Body
Electronics



Software-Defined
Vehicles (SDV)

AEPL's manufacturing facilities are designed for quality, traceability, and scalability—supporting automotive-grade production for domestic and global mobility programs. Our processes ensure consistent performance, reliability, and *readiness for future technologies*.



40K
Sq.ft.
Integrated
Production
Facility

20K
Sq.ft.
ISO
Class 8
Cleanroom

100,000+
Units/Month
Scalable
Production
Capacity

***Your Reliable Automotive
Electronics Partner***

**ACCOLADE**[®]
ELECTRONICS PVT. LTD.
An ISO 9001:2015,
IATF 16949:2016 Company

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