

ST4SIM

secure solutions



for cellular connectivity



SIM & eSIM solutions for cellular connectivity in industrial and automotive applications

Cellular connectivity is a key enabler of connected devices. Leading to a greater diversity of smart objects, it paves the way to new market opportunities. In order to answer the needs of the markets, ST offers a tailored, diversified connectivity portfolio with ST4SIM solutions, a wide range of SIMs and embedded SIMs (eSIM) compatible with the IoT, industrial- and automotive-grade applications. The ST4SIM product family is part of a complete ecosystem, built with trusted partners specialized in connectivity and subscription management platforms.

ALWAYS CONNECTED, ALWAYS UNDER CONTROL

- Basic SIM & eSIM
 - Standard SIM card
 - Cost-effective and optimized connectivity solution
 - Wide connectivity coverage
- Cryptographic SIM & eSIM
 - Advanced cryptographic algorithm
 - Large user-memory size
 - Wide connectivity coverage
- GSMA SIM & eSIM
 - Product and GSMA-certified personalization
 - Interoperability and worldwide coverage
 - Optimized connectivity-subscription costs

KEY APPLICATIONS

- Smart Things
 - IoT
 - Surveillance
 - Smart Home & City
- Smart Industry
 - Industry 4.0
 - Automation
 - Metering
 - Tracking
- Smart Driving
 - Connected cars
 - Entertainment
 - Emergency call (eCall)

ST4SIM: A scalable offer for secure cellular connectivity

ST's ST4SIM portfolio of SIMs and eSIMs is based on basic, cryptographic and GSMA SGP.02 configurations. Our solutions allow devices to be connected at all times and everywhere, while ensuring asset security. Worldwide coverage and interoperability are enabled thanks to connectivity solutions from partners.

From removable SIMs to GSMA-certified eSIMs, ST4SIM is a flexible and scalable offer which can be integrated in various environments. High-quality and reliable, ST4SIM-S, ST4SIM-M and ST4SIM-A are ready-to-use solutions.

ST4SIM-S FOR IOT
Basic & Crypto SIM/eSIM



Optimized SoC Solution
SIM & eSIM
ST32H & ST33 Secure HW
IoT Hardware solution

ST4SIM-M FOR M2M
Basic, Crypto & GSMA SIM/eSIM



Scalable SoC solution from
SIM to GSMA eSIM
ST32F & ST33-M Secure HW
Industrial-grade solution

ST4SIM-A FOR AUTOMOTIVE
Crypto & GSMA eSIM



Scalable SoC solution from SIM to
GSMA eSIM
ST33-A Secure HW
Automotive-grade solution

Product table

Product Name	SIM / eSIM	Application	Generic Description	Hardware	Certification / Qualification	Packages
ST4SIM-100S	Basic SIM	IoT	SoC Card OS	ST32H480	-	D18
ST4SIM-110S	Crypto SIM/eSIM		SoC Card OS with advanced crypto services	ST33G1M2	CC EAL5+	D18, MFF2, WLCSP
ST4SIM-100M	Basic SIM/eSIM	M2M	SoC Card OS	ST32F512M	Industrial Grade (JEDEC 47)	D68, MFF2
ST4SIM-110M	Crypto SIM/eSIM		SoC Card OS with advanced crypto services	ST33G1M2M	CC EAL5+, Industrial Grade (JEDEC 47)	D16, MFF2, WLCSP
ST4SIM-200M	GSMA eSIM		SoC Card OS compliant with GSMA SGP.02	ST33G1M2M	CC EAL5+, Industrial Grade (JEDEC 47)	MFF2, WLCSP
ST4SIM-110A	Crypto eSIM	Automotive	SoC Card OS with advanced crypto services	ST33G1M2A0	CC EAL5+, AEC-Q100 Grade 2	MFF2, TSSOP
ST4SIM-200A	GSMA eSIM		SoC Card OS compliant with GSMA SGP.02			

