OPTIGA™ Connect Consumer OC1230

World's tiniest GSMA-compliant and world's first 28 nm eSIM solution optimized for mobile consumer devices

Introduction

OPTIGA™ Connect Consumer OC1230 comes with a rich feature set optimized for mobile consumer devices, making it the perfect fit for even the tiniest mobile consumer devices like smart watches and other wearables.



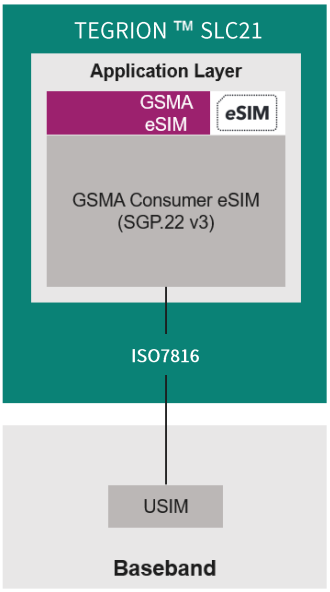
Product features

- Global eSIM service interoperability
- RSP and MEP GSMA SGP.22 v3 compliant
- SOTA/OS patching
- Up to 1 MB free user memory
- Certified to CC EAL 6+
- Voltage classes: C (1.8 V), D (1.2 V)
- Interfaces: ISO7816, SPI
- WLCSP (1.8 x 1.6 x 0.4 mm) package
- X2QFN20 (3.0 x 3.0 x 0.3 mm) package

Product benefits

- World's tiniest GSMA-compliant eSIM
- World´s first 28 nm eSIM
- Easy integration
- Full interoperability
- 25% better performance / power ratio
- Extended battery lifetime
- Future-proof security platform
- Rich new features: e.g. OS patching, MEP
- Improved end user experience
- Post-quantum cryptography (PQC) ready

Block diagram



Target applications

- Handsets
- Wearables
- Tablets
- Laptops
- Mobile routers

More information & tools to get started

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