

## EVALUATION KITS

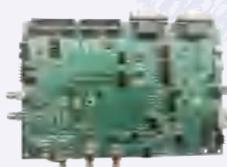
CC7100W EVK



CC8200B EVK



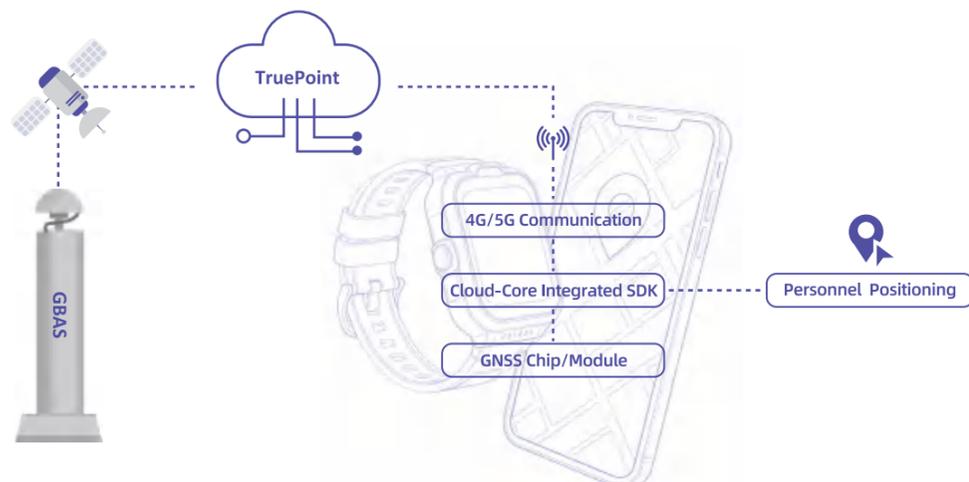
CC7100B EVK



## TEST TOOL



## CLOUD-CHIP INTEGRATED SOLUTION



## Precise Positioning Makes IoT Communication Smarter

## Smart Wearable



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## ABOUT US

ICOE (Shanghai) Technology is a leading provider of positioning chips and full-stack solutions, specializing in location-based services. We deliver intelligent, reliable positioning chips and customized solutions for the global IoT and consumer electronics markets.

Leveraging on our core strengths in ultra-low power consumption, high performance, and compact design, our products are widely used in wearables, smart IoT devices, and other fields worldwide.

### SMART WEARABLE

The global smart watch industry is growing explosively, with child safety monitoring, outdoor sports trajectory recording and elderly positioning as core demands. Standalone GNSS positioning, long battery life and high precision are key product strengths. Plagued by positioning deviation in complex environments, high positioning power consumption and low chip integration, the industry has a clear pain point. Leveraging its core technological accumulation, ICOE has launched a full range of dedicated GNSS chips for smart watches, featuring high precision, ultra-low power consumption and high integration to meet customers' differentiated multi-scenario positioning needs.

## SMART WATCH / KIDS' WATCH - CC8200B

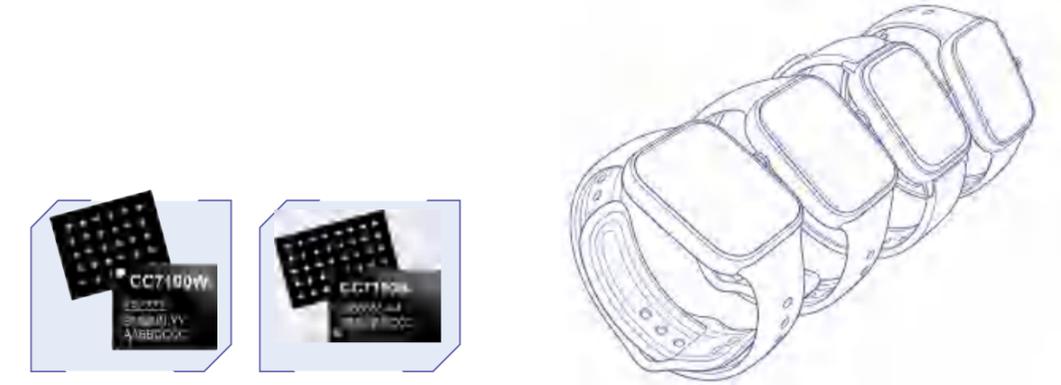
- Ultra-low power consumption, 10.5 mW under tracking mode
- Excellent multipath mitigation performance
- Multi sports mode supported
- Adaptive anti-jamming capability
- Real-time and predicted A-GNSS



Frequency	Dual-band L1+L5
Constellation	GPS/BDS/GLONASS/Galileo/QZSS/NAVIC
Tracking Power Consumption	<10.5mW
AGNSS TTFF (Cold Start)	3s
Cold Start Sensitivity	-149dBm
Tracking Sensitivity	-165dBm
Positioning Accuracy	1.0m
Velocity Accuracy	0.1m/s
Interfaces	UART×2, I <sup>2</sup> C×2, SPI×1
Package	BGA 3.8×4.2×0.77mm

## FITNESS BAND / HEALTH WEARABLE - CC7100W / CC7100B

- Super small size, suitable for size sensitive applications
- Adaptive anti-jamming capability
- Real-time and predicted A-GNSS
- ROM based, supporting dynamic Loading mode



Frequency	Single-band L1
Constellation	GPS/BDS/GLONASS/Galileo/QZSS
Tracking Power Consumption	<15mW
AGNSS TTFF (Cold Start)	3s
Cold Start Sensitivity	-149dBm
Tracking Sensitivity	-165dBm
Positioning Accuracy	1.5m
Velocity Accuracy	0.1m/s
Interfaces	UART×2, I <sup>2</sup> C×1, SPI×1
Package	WLCSP 1.8×2.1×0.5(mm); BGA 2.52×3.92×0.69(mm)

## SMART WEARABLE SOLUTION

