



RTK-1010

The RTK-1010 is a high-performance dual-band GNSS RTK module that designed for applications requiring centimeter level positioning accuracy.

It adopts 12 nm process and integrate efficient power management architecture to perform low power and high sensitivity.

The module supports concurrent reception of GPS, GLONASS, BeiDou, GALILEO, and QZSS to improve the availability and reliability of RTK solution even in the harsh environment.

Features

Dual-frequency and multi-constellation RTK positioning solution

Support GPS, GLONASS, GALILEO, BEIDOU and QZSS

Capable of SBAS (WAAS, EGNOS, MSAS, GAGAN)

Support 135-channel GNSS

Low power consumption

Fast TTFF at low signal level

Small form factor 10.1 x 9.7 x 2.2 mm

SMD type with stamp holes; RoHS compliant

IATF 16949 quality control



Applications

Precision Agriculture

AGV Robotics

V2X / ETC / 5G Station

Structural / Land Monitoring

Offshore / Marine Application



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