ENGLISH PRODUCT DATASHEET

Customizable RTK Module PCBA

A customizable RTK module PCBA service for OEMs, system integrators and project customers, covering component selection, PCB design, SMT assembly, prototype validation and volume delivery.

YueeTek | Product type: Customizable RTK Module PCBA | Document date: 2026-09-21

01 Product Overview

The customizable RTK module PCBA is designed for customers integrating high-precision positioning into their own terminals, with support across selection, design, validation and delivery stages.

The solution supports multi-band, multi-interface and multi-protocol integration, from prototype validation and pilot production through volume delivery. Accuracy, power, dimensions, interface definitions, firmware, certifications and minimum order quantity are confirmed with sales.

02 Core Specifications

Product type	Customizable RTK Module PCBA
Customization scope	Frequency band, interface, form factor, firmware, certification and minimum order quantity
Integration	Multi-band, multi-interface and multi-protocol integration
Project stages	Prototype validation, pilot production and volume delivery
Positioning accuracy	Contact sales
Power supply and consumption	Contact sales
Dimensions and interface definition	Contact sales
Software and certification	Confirmed by project requirements; contact sales

03 Key Features

End-to-end customization

Covers the project workflow from component selection and PCB design through SMT assembly.

Multi-band integration

Frequency bands and RF resources are evaluated against terminal requirements.

Interface adaptation

Host, communication and peripheral interfaces are configured for integration.

Protocol coordination

Device communication and data workflows are coordinated with protocol requirements.

Prototype to volume

Supports the transition from prototype validation and pilot production to volume delivery.

Project engineering support

Development is coordinated around application, mechanical and certification requirements.

04 Typical Applications

Industry positioning terminals

Integrates RTK positioning into handheld, vehicle-mounted or specialized terminals.

Automation and robotics

High-precision positioning integration for autonomous equipment and mobile platforms.

Survey and inspection equipment

Designed for professional measurement, inspection and data collection terminals.

Industrial IoT

Adds positioning, communication and data return capabilities to industrial equipment.

05 Evaluation and Customization Options

- **Evaluation and development carrier.** Version and availability are confirmed with sales.
- **Antenna and interface adaptation.** Configured around the terminal structure and RF design.
- **Firmware and configuration tools.** Confirmed against the project function definition.
- **Certification and volume services.** Planned for the target market and production schedule.

> Accuracy, power, dimensions, interface definitions, firmware, certification and minimum order quantity are project-specific and must be confirmed with sales.

Source: YueeTek public product page, https://yueetek.com/en/products/rtk-pcba/, reviewed 2026-09-21.