


GPS Receiver 3.6V 47-Pin WLCSP

Manufacturer:	<u>U-BLOX AG</u>
Package/Case:	BGA
Product Type:	Discrete Semiconductor Modules
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

UBX-M8030-CT is a highly integrated GNSS (Global Navigation Satellite System) positioning module. It is a type of electronic component designed for use in navigation and positioning applications.

Key Features

Supports multiple GNSS constellations including GPS, GLONASS, Galileo, and BeiDou.

Can receive and process signals from up to three GNSS constellations simultaneously.

High positioning accuracy with up to 5-meter accuracy in standalone mode and up to 1-meter accuracy with the aid of SBAS (Satellite-Based Augmentation System).

Low power consumption, making it ideal for battery-powered applications.

UART and I2C interfaces for communication with a host device.

Compact form factor for easy integration into devices.

Application

Vehicle navigation and tracking systems

Fleet management systems

Precision agriculture

Surveying and mapping equipment

Drones and unmanned aerial vehicles (UAVs)

Wearable devices with location tracking features

Personal navigation devices such as handheld GPS units

Recommended For You

UBX-M8030-KT

U-BLOX AG

QFN40

UBX-M8030-KT-B3000A

U-BLOX AG

QFN40

UBX-M8030-KA-DR

U-BLOX AG

QFN40

UBX-M8030-KA

U-BLOX AG

QFN40

UBX-G6010-ST

U-BLOX AG

QFN

UBX-G6010-SA

U-BLOX AG

QFN56

UBX-M8030-KA-B300BA

U-BLOX AG

QFN

UBX-M8030-KA-B2003A

U-BLOX AG

QFN

UBX-G6010-NT

U-BLOX AG

LGA

UBX-G0010-QA

U-BLOX AG

QFN

UBX-G5010-ST

U-BLOX AG

QFN

UBX-G6010-ST-DR

U-BLOX AG

QFN

NEO-MBT-0-01

U-BLOX AG

SMT

LEA-4A

U-BLOX AG

GPS

NEO-MBP-0-10

U-BLOX AG

LCC