
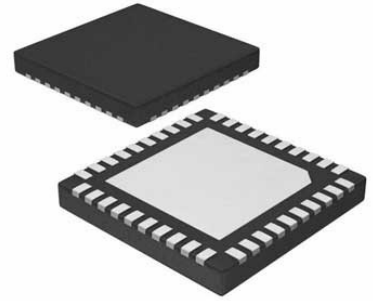


## GPS Receiver 3.6V Automotive 40-Pin QFN EP

<b>Manufacturer:</b>	<a href="#">U-BLOX AG</a>
<b>Package/Case:</b>	QFN40
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

The UBX-M8030-KA-DR is a compact and highly integrated GPS receiver module. It incorporates advanced GPS technology to offer precise positioning capabilities for a wide range of applications.

### Key Features

**High Sensitivity:** The module features high sensitivity to GPS signals, enabling it to acquire and track satellite signals even in challenging environments with weak signal strength.

**Multi-Constellation Support:** It supports multiple satellite constellations, including GPS, GLONASS, Galileo, and BeiDou, providing increased accuracy, availability, and reliability.

**Fast Time to First Fix (TTFF):** The module has a fast time to first fix, allowing it to quickly obtain position information after power-up or signal loss.

**Low Power Consumption:** It is designed to operate with low power consumption, making it suitable for power-constrained devices and applications.

**Serial Interface:** The module communicates with the host system through a serial interface, providing easy integration and compatibility with various microcontrollers and communication protocols.

**Built-in Antenna Supervisor:** It includes an integrated antenna supervisor that monitors the antenna connection and signal integrity, ensuring reliable operation.

### Application

**Automotive:** Used in vehicle tracking systems, in-car navigation systems, and driver assistance systems.

**Industrial:** Used in precision agriculture, asset tracking, fleet management, and industrial automation.

**Personal Navigation:** Used in handheld GPS devices, fitness trackers, and outdoor navigation equipment.

**Internet of Things (IoT):** Used in IoT devices that require location-based services and asset tracking.

**Aerospace and Defense:** Used in unmanned aerial vehicles (UAVs), military navigation systems, and aviation applications.

### Recommended For You

#### UBX-M8030-CT

U-BLOX AG

BGA

#### UBX-M8030-KT

U-BLOX AG

QFN40

#### UBX-M8030-KT-B3000A

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-M8T-0-01**

U-BLOX AG

SMT

**LEA-4A**

U-BLOX AG

GPS

**NEO-M8P-0-10**

U-BLOX AG

LCC